

Lehigh Alumni Bulletin



James Ward Packard Laboratory of Electrical and Mechanical Engineering

DEDICATION NUMBER—NOVEMBER, 1930



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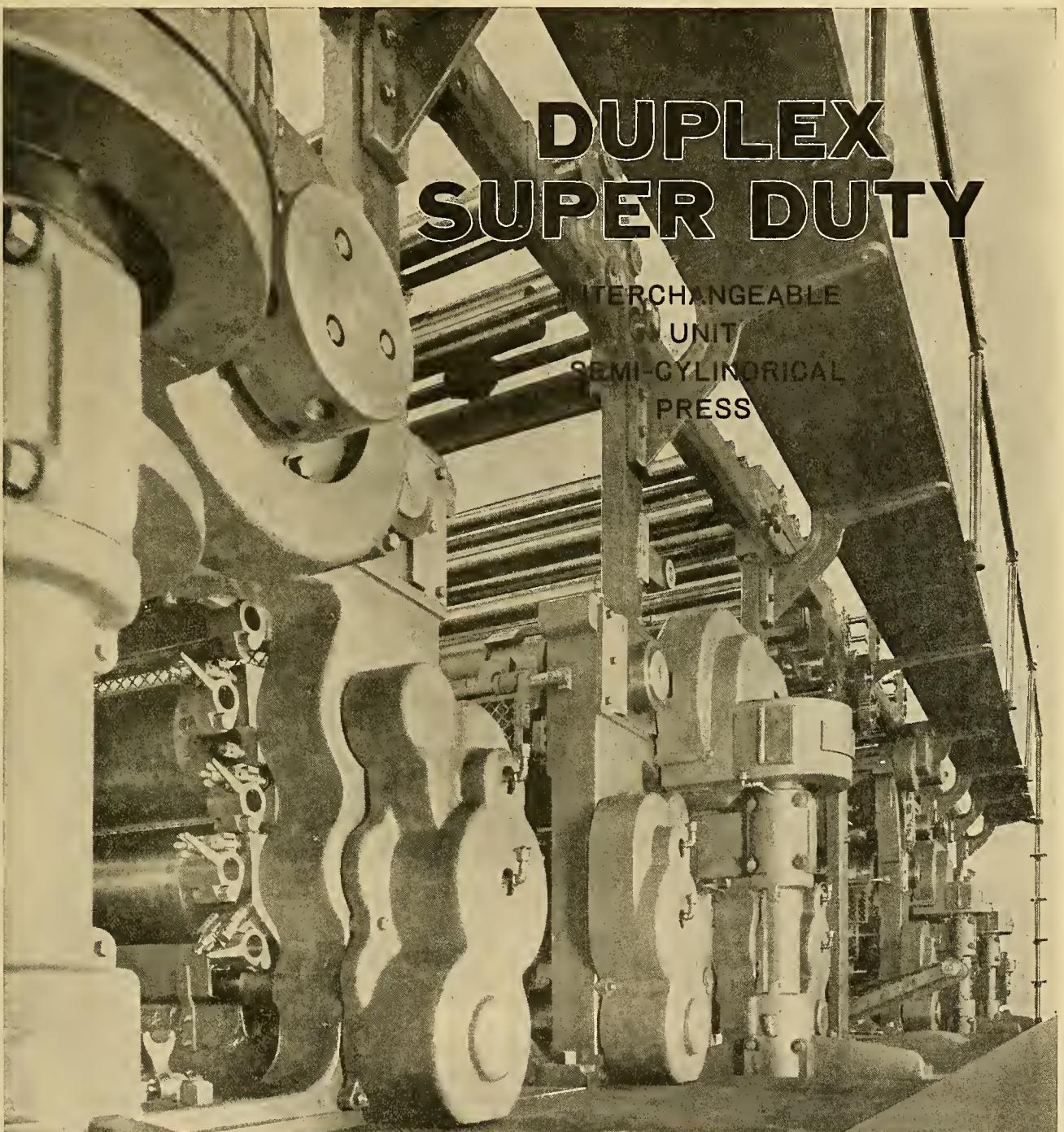
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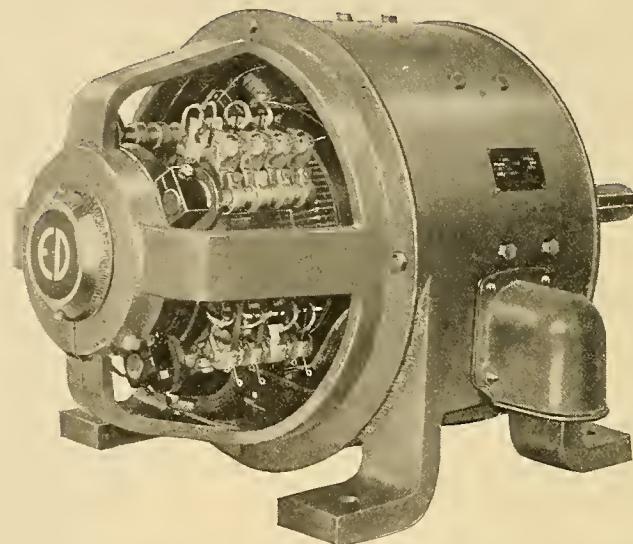
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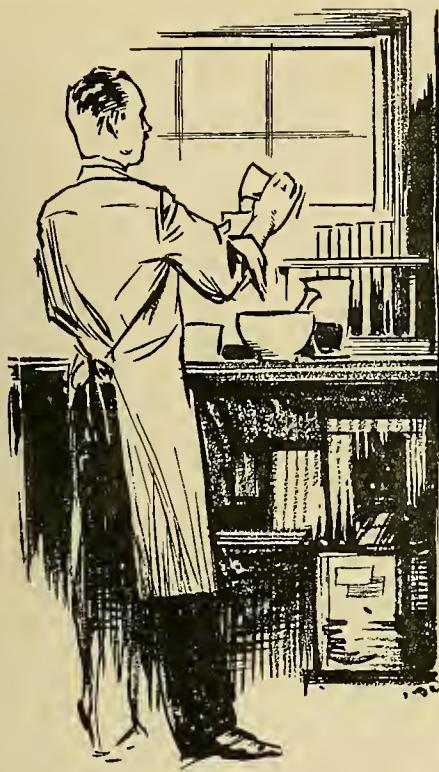
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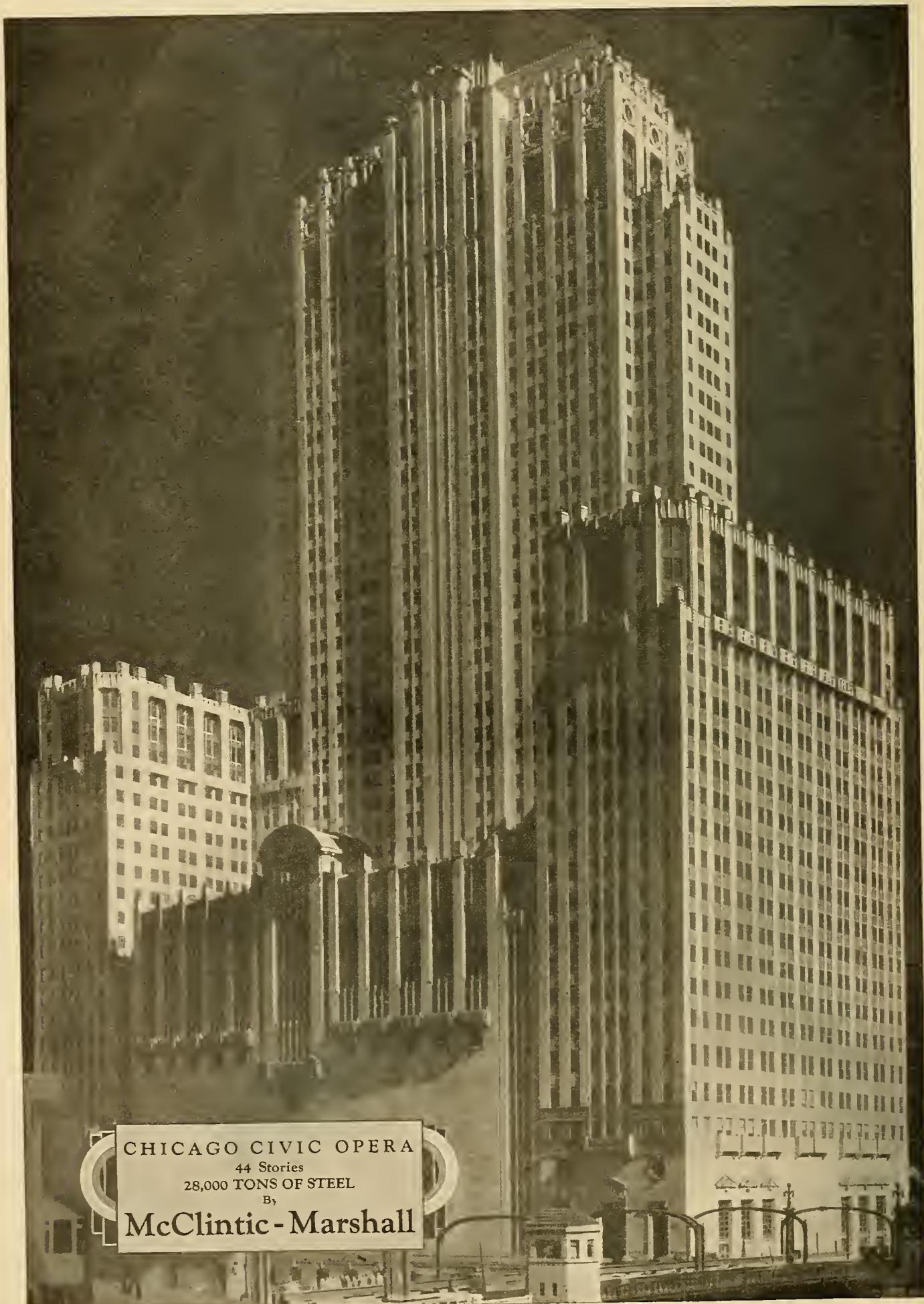
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* * *

SOMEBODY sent us this clipping. We don't know who sent it or what paper it appeared in, but it was evidently an editorial:

A long time ago in Columbia a little gentleman of middle age, who had come from a Northern state, used to appear with clocklike punctuality in the telegraph room of The State to inquire the football results. It was years before they were flashed on bulletin boards. So, for two or three seasons he came, and he was never absent on the evening of a day when Lehigh or Stevens played.

At last the telegraph editor, unable to suppress his curiosity, asked him, "Were you a Lehigh or a Stevens man, Mr. Smith?"

"Neither," said the little gentleman, in a tone of reminiscent sadness. "I never went to college. I always wanted to. I am an electrician, and I thought, when I was a boy, that if I ever could go to college it would be to Lehigh or Stevens."

Nowhere in the United States in those two or three years had the Lehigh and Stevens elevens a more devoted alumnus than was this little gentleman, who was only an alumnus in his heart, and had been disappointed. It is a true story.

* * *

Since the subject has been raised, we may as well admit that since Penn and Muhlenberg took a fall out of us, we've heard snatches from the Anvil Chorus being rehearsed here and there. It recalls similar music, about a year ago, after the Princeton and Rutgers games. But we distinctly remember that a week later the singers burst forth with the Hallelujah Chorus from "The Messiah."

In other words, the season isn't over yet. We'll give Lafayette an interesting afternoon if we have to send in the varsity!

* * *

FOOTBALL

Nov. 8—Princeton*
Nov. 15—Rutgers
Nov. 22—Lafayette*

FRESHMEN

Nov. 8—Perkiomen Prep.
Nov. 15—Lafayette Frosh.*

SOCCER

Nov. 8—Swarthmore.*
Nov. 15—St. John's.
Nov. 22—Lafayette.*
Nov. 26—Princeton.

CROSS COUNTRY

Nov. 8—Rutgers.
Nov. 15—Lafayette.*
Nov. 24—Intercollegiates.*

* Game away.

Lehigh Alumni Bulletin

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NOVEMBER, 1930

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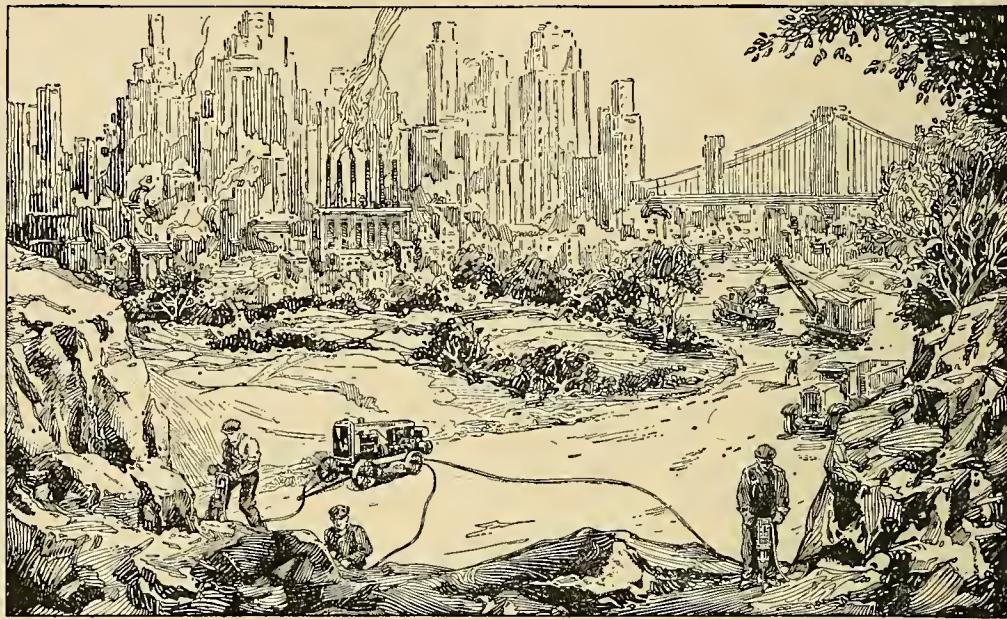
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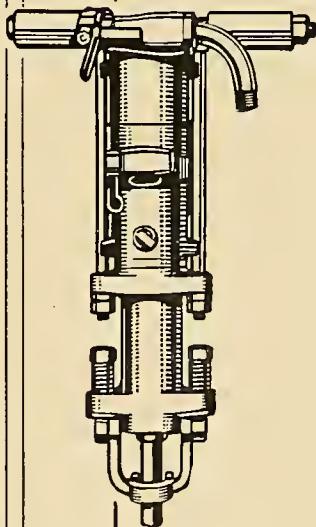
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Lehigh Alumni Bulletin

NOVEMBER, 1930

Pot Pourri of the Past Month

THEY'RE still talking about it, those educators and business men who visited Lehigh for the Packard Laboratory dedication. Many of the academic guests were frankly surprised to see the exceptionally fine plant that we, at Lehigh, have come to take more or less for granted. The industrialists were surprised to discover how conversant the educators are with the problems of industry and how seriously they apply themselves to the job of diagnosing and supplying the personnel needs of industry.

Every phase of the elaborate program was conducted smoothly and with becoming dignity. It is safe to say that a most favorable impression of Lehigh was carried away by a large number of people whose opinions are most valuable and influential.

ELSEWHERE in this issue is recorded the passing of Dr. L. C. Stewardson, Chaplain and Professor of Philosophy at Lehigh from 1898 to 1903. Although his connection was relatively short, he made a deep and lasting impression in the lives of the undergraduates of those years. They, in turn, won a unique place in his affections, for although he later became president of another college, he bequeathed his entire fortune to Lehigh simply and solely because of "the beautiful relations that existed between the students of Lehigh and my wife and myself."

Dr. Stewardson's bequest is evaluated at \$100,000; the sentiment that inspired it is priceless.

KEY'S article on football (page 18) was written just after the Penn game. Owing to a delay in getting this issue to press, he was given the opportunity of revising the article after the Muhlenberg game, but refused to change his written opinion. Why? Because he still believes in the team.

So do we. We've heard the coaches and players unmercifully "pained"; rumors of internal dissension and fraternity politics. Bunk! What's the matter with the team? Simply this—the reserve material was

not good enough. When three of the first string backs were injured, the team was terribly weakened, not alone by the actual loss of their services but equally by a sub-conscious loss of morale. Given its full strength for the closing contests, the 1930 team will give a good account of itself.

MUHLENBERG celebrated! They couldn't dislodge the goal posts after the game so they came back for them, with tools, Sunday night. The next evening a group of Lehigh boys attempted to retaliate, during the celebration, and a small free-for-all developed. Does that bring back memories, old timers?

IN AWARDING the degree of Doctor of Science to Dean Edward W. Berry, of Johns-Hopkins, on Founder's Day, Lehigh honored a man who never went to college. Yet he attained pre-eminence in a learned profession—geology—and as a University professor and administrator.

There's no moral to the story, but it leads us to welcome Dr. Berry into the family the more heartily and to hope that he will be as proud of being a Lehigh man as we are to have him.

ACCORDING to compilations by the Students' Health Service, the average age of Lehigh undergraduates this year is 20.16 years. The average weight is 143.99 pounds and the average height, 68.95 inches.

MUSTARD AND CHEESE insists that "the alumni" have failed to support the Club. Meaning that they haven't been able to find many alumni willing to put up a thousand dollars or more and to devote several weeks' time for the promotion of "out-of-town" performances. Now it is proposed to assess each student 50 cents at registration in order to provide an annual subsidy for the dramatic club. We don't believe that Dick Davis, founder of Mustard and Cheese, would have favored the suggestion, but we'll join those alumni who *have* promoted shows in a sigh of relief if the new plan is adopted.

Packard Laboratory Dedicated with

IN THE PRESENCE of the most distinguished audience ever assembled on the Lehigh campus, the James Ward Packard Laboratory of Electrical and Mechanical Engineering was formally dedicated on October 15. The occasion was signalized by an ambitious and dignified program including three technical sessions devoted to the discussion of the problems of engineering education by prominent educators and industrialists. Thus, the formal opening of "the finest laboratory of its kind in the world" was elevated beyond a mere ceremony and made the occasion of a notable assembly of some of the best minds in America for creative discussion of the aims to which Lehigh's new laboratory is dedicated.

An essential factor to the complete success of the occasion was the presence of Mrs. Packard who was the University's guest of honor throughout the three-day celebration. Mr. Schwab, in his informal remarks at the dedication exercises, expressed the sentiment of all present when he said, "I have found that whenever I endeavor to do anything myself, my enthusiasm and progress is dampened if I don't have the support of my wife. So I feel it has been with Mr. Packard. We all owe a debt of gratitude to Mrs. Packard for the encouragement and for the association that she has given him, which made possible this gift today. It is a happy moment for me to pay tribute to the wife of the man who has done such a splendid thing for this institution. I bow to you, Mrs. Packard, not only as a trustee of Lehigh, but as an old friend of your husband whom I shall always remember as a man of honor and character which will be perpetuated as long as young men seek for knowledge."

Official representatives of the colleges and industries, together with many individual guests and alumni, registered in the Alumni Memorial Building on the morning of October 15. A buffet luncheon was served

Over one hundred colleges and as many great industries represented by their executives at the colorful exercises featured by Charles M. Schwab's dedicatory address. Technical conferences which followed attended by some of America's leading educators and industrialists.

in the auditorium of Drown Hall at noon after which the academic procession formed at the Alumni Memorial Building. As the procession crossed the campus to the laboratory, the colors of most of the leading universities of the East, Middle West and Far West flashed from the hoods of the marchers, symbolic of their learned degrees. One hundred and sixteen institutions of higher learning were officially represented—many by their presidents, deans and professors of electrical and mechanical engineering.

AFTER the invocation by the Very Rev. D. W. Gateson, President Richards opened the dedication exercises with a summary of the development of the new building, describing how the need was first established and how preliminary plans for an ideal laboratory were prepared. He repeated the dramatic story of Mr. Packard's decision to contribute funds necessary for its erection and told of the infinite pains that had been taken by the University staff and the architects to design a building that would meet the donor's expectations. Dr. Richards then presented T. C. Visscher, '99, of Visscher and Burley, architects of the building.



Charles M. Schwab (Hon. '14) delivering the dedicatory address in the auditorium of the Packard Laboratory

Elaborate Ceremonies

"We have heard from Dr. Richards," said Mr. Visscher, "of the direct and simple way in which Mr. Packard gave a generous portion of the earnings of his lifetime, as he expressed it, 'in partial payment of the debt he owed his Alma Mater.' He gave it with few conditions so that Lehigh might be able to give more and more to the succession of young men who leave their homes to seek preliminary training with which they may better do their part in the progress of the world."

WHEN word was received that Mr. Packard had decided to make this gift, everyone connected with Lehigh felt the deepest gratitude and the most sincere appreciation. To those who were to carry out his wishes, the responsibility of creating a building of the kind and type that would satisfy Mr. Packard's ideals, was inspiring. Whatever was to be done must be purposeful and complete. After the tentative plans were completed, many of the electrical and mechanical laboratories of other universities were visited. Enough cannot be said in praise of the generosity of the presidents and professors at these universities. They allowed us to study their buildings and told us of many original types of apparatus that had been developed through their experience.

"We believe it proper at this time to say that the execution of the plans was ably carried out by the contractors, Messrs. Irwin and Leighton. Aside from erecting a building satisfactory to a number of watchful and interested critics, they were able to effect a considerable saving upon the estimated cost which was credited in full to the University.

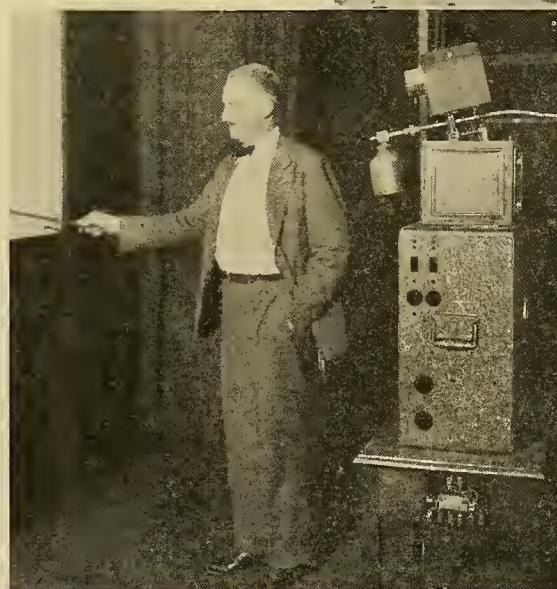
"And now, as has been the custom from the days when Gothic architecture was introduced into the world, we wish to present to you, Mr. Grace, as president of the Board of Trustees, the keys to the building with the hope that its usefulness will even surpass Mr. Packard's most ambitious ideals."

Eugene G. Grace, '99, president of

President Richards, Gene Grace and Okey showing Mrs. James Ward Packard through the new building



Doctor Charlie Schwab and Doctor Gene Grace at the dedication exercises



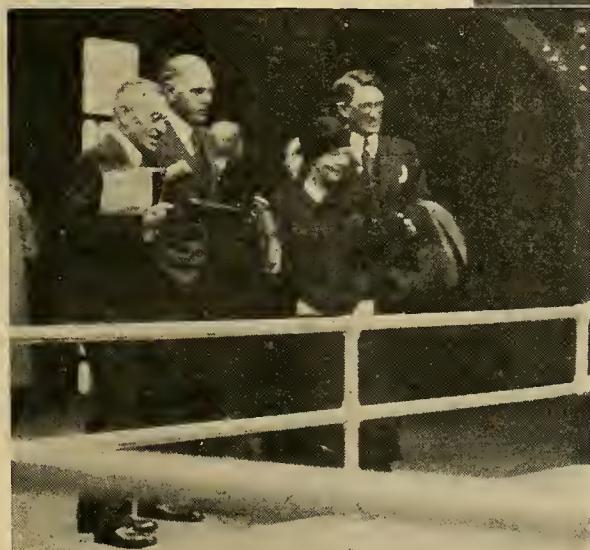
Dr. Phillips Thomas, Westinghouse research engineer, giving his remarkable demonstration with the "electric eye" or photo-electric cell

the Board of Trustees, accepted the keys saying, "Lehigh is enriched and substantially strengthened by this memorial from her son, James Ward Packard, '84. The Trustees desire, at this time, to acknowledge the

devotion of all who have striven so industriously and effectively to carry out the wishes of the donor. President Richards and members of the faculty have given earnest thought to working out the essential plans of the structure as a medium for the advancement of science. The architects and builders have produced a laboratory which affords the greatest utility without the sacrifice of beauty. The keys open the physical doors of the building and by that token unlock the opportunities and advancement to coming generations. My part is merely to take possession of the property in the name of the Board of Trustees. In so doing, the Trustees pledge themselves to cherish it for the University today and in generations to come."

Dr. Grace then handed the keys to President Richards who accepted them with "not only great pleasure but a feeling of deep humility." He in turn presented them to Professors Seyfert and Larkin, respective heads of the electrical and mechanical engineering departments.

The dedicatory address, delivered by Dr. Charles M.



Schwab (Hon. '14), is published on page 14 of this issue.

DR. SCHWAB prefaced his formal speech with some extemporaneous remarks in characteristic style which completely won his audience. "I am always frightened," he said, "when I have to speak. As a simple steel worker I am frightened to death to make the dedicatory address today—and I am proud, too. I am proud of the fact that industry is now fully recognized as such an important part of America's social structure as it is today; proud that the great institutions of learning in this country are giving proper credit to the industries that have made this country what it is; proud that there is sentiment in the world of industry; proud of the fact that I am speaking for Lehigh University and for the industries of the Lehigh Valley because after 50 long years of industry, I have seen the culmination of the dreams of a lifetime; proud of the fact that this great industry in this locality has been built up largely by Lehigh boys; proud of the fact that in building up this industry in the Lehigh Valley by Lehigh boys, we have retained the love and sentiment of industry which is so important to its development and to the happiness of this community.

"I am disappointed in one thing—neither Mr. Grace, to whom I owe so much and have been associated with so long, nor Dr. Richards have referred to me as Dr. Schwab. I am a doctor, a Lehigh doctor. It is at your hands that I have been made one, and I am proud of the fact."

Dr. Palmer C. Ricketts, president of the Rensselaer Polytechnic Institute, in a scholarly address, presented greetings and congratulations as the representative of the colleges and universities. He traced the evolution of the modern scientific engineering laboratory, emphasizing his belief that its main use is for the instruction of students, but that a certain amount of research work is also fundamental to its effective utilization.

ON THE evening of the dedication, a spectacular demonstration lecture was delivered by Dr. Phillips Thomas, research engineer of the Westinghouse Electric and Manufacturing Company. Originally scheduled to be given in the auditorium of the laboratory, the lecture was shifted at the last minute to the Liberty High School in order to accommodate a crowd of 1500 people who wished to see Dr. Thomas' startling applications of the photo-electric cell. Lights were turned off at the whim of the speaker without touching a switch; fires were extinguished within a few seconds by the automatic action of the electric eye; a robot spoke and moved as Dr. Thomas' flash light played upon the sensitive cells, and numerous other dramatic effects were accomplished by means of ingenious electrical devices.

THE second day of the exercises was given over to a symposium divided into two parts. In the morning, five prominent captains of industry expressed their conceptions of what industries expect of the technical schools. In the afternoon, the educators replied by telling what the technical schools expect of industry. A buffet luncheon was served in the main laboratory between the sessions. Representatives of industry were F. A. Merrick, '91, president of the Westinghouse Electric and Manufacturing Company; L. W. Baldwin, '96, president of the Missouri Pacific Railway; A. R. Glaney, '03, president of the Oakland Motor Company; M. S.

Sloan, president of the Brooklyn Edison Company, and Bancroft Gherardi, vice-president and chief engineer of the American Telephone and Telegraph Company. William Butterworth, '89, who was scheduled to present a paper in this same group, was obliged to be absent on account of illness. A surprising degree of unanimity of opinion was expressed by the industrial speakers. They believe that schools should select incoming students as intelligently as possible and train them by teaching basic science, mathematics and economics, in such a way as to fix principles and develop proper habits of thought and work. They urged the educators to eliminate specialized and practical courses, for, they explained, they would always find it necessary to develop specialization after the young graduates have entered industry.

THE educators were represented by Arthur M. Greene, Jr., Dean of the School of Engineering at Princeton University; Dr. Dugald C. Jackson, head of the Department of Electrical Engineering at Massachusetts Institute of Technology; David Ross, president of the Ross Gear Company and president of the Board of Trustees of Purdue University, and Dr. W. E. Wickenen, president of the Case School of Applied Science. In expressing their views as to what the technical schools should expect of industry they stated that industry could do more to help train and place the young graduate. The educators commended the thorough methods developed by some industrial organizations for the continuation of training started in college. Professor Jackson, in particular, effectively challenged industry to support the technical schools in their efforts to get and retain competent faculties and to prosecute adequate research programs. He pointed out that industry now drains the ablest men away from the schools and is supporting its own researches without recognizing the need for the atmosphere and technique of research as a necessary part of education. "In the long run," he said, "industry will suffer unless these conditions are rectified."*

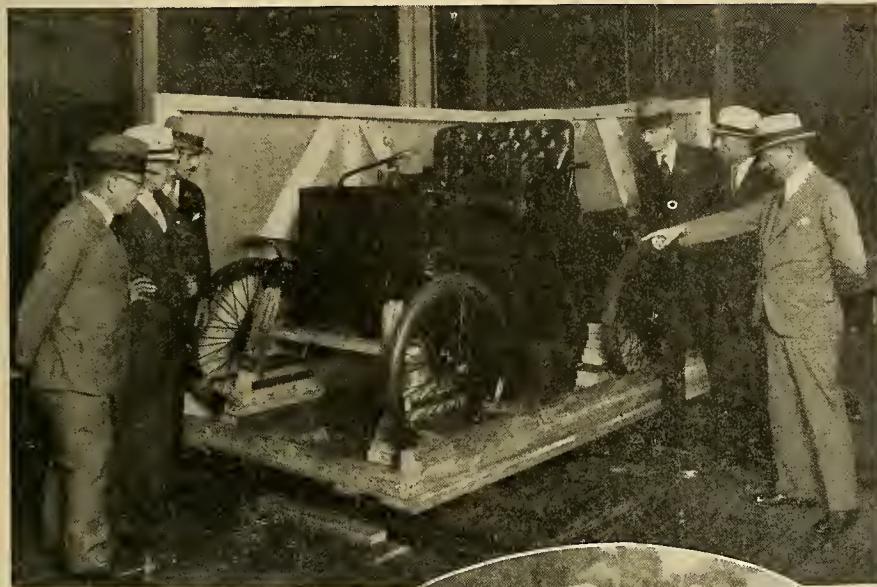
The Friday morning session was devoted to papers on the "Future of American Industry." Edward A. Filene, president of William A. Filene's Sons' Company, Boston, Mass., presented a masterful paper, which was enthusiastically received, on "Distribution and Its Effect on Industry." Magnus W. Alexander, president of the National Industrial Conference Board, New York City, spoke on "The Future of Industry, Its Problems and Needs." Dr. John Johnston, director of research, United States Steel Corporation, discussed "The Effects of Research on the Future of Industry." A. B. Crunden, assistant comptroller of American Telephone and Telegraph Company, presented a paper prepared by S. L. Andrew, chief statistician of the American Telephone and Telegraph Company, on "The Methods of Industrial and Business Forecasting."

ONE of the most delightful features of the dedicatory exercises was the formal dinner given by the University to the official delegates at the Hotel Bethlehem on Thursday evening, October 16. W. C. Dickerman, '96, president of the American Locomotive Company, acted as toastmaster, introducing Prof. F. V. Larkin, Prof. S. S. Seyfert, T. W. Matchett, '31, E. G. Grace, '99, W. R. Okeson, '95, Dr. Howard McClenahan, President of the Franklin Institute, and C. E. Davies, Assistant Secretary of the A. S. M. E. Mrs. James Ward Packard was the guest of honor.

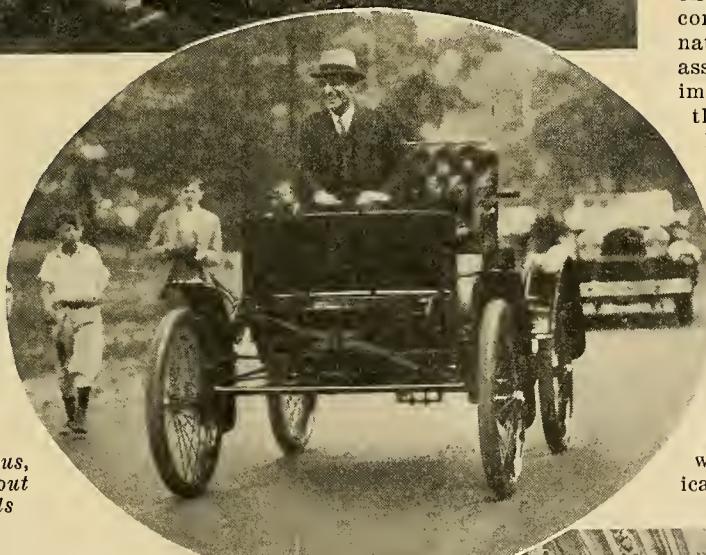
* EDITOR'S NOTE—Representative papers from this symposium will be printed in full in subsequent issues of the "Bulletin."

First Packard Car Arrives for Dedication

Ancient Horseless Carriage, Still in Good Running Condition, Holds Place of Honor in Entrance Lobby of James Ward Packard Laboratory



A delegation of Lehigh men inspect Model A-1 as it leaves Detroit for Bethlehem. Left to right: L. A. Walker, '08; H. E. Johnson, '13; R. M. Neff, '14; L. A. Wright, '16; H. R. Blackman, '13; S. P. Hess, '10



Arrived on the campus, Model A-1 is tried out by President Richards

MODEL A1, the first Packard car ever built, was a center of attraction throughout the exercises at the dedication of the James Ward Packard Laboratory. The old car, entrusted to the care of the University through the courtesy of the Packard Motor Car Company, will remain on permanent display in a handsome plate glass case in the center of the entrance lobby of the building.

It was originally planned to send the car from the factory in Detroit to Bethlehem under its own power, for the car is in good mechanical condition and according to Mr. E. F. Roberts, vice-president of manufacturing, runs as well today as it did when it was first started on November 6, 1899. These plans were altered at the last minute and the machine was crated and shipped by freight after having been refinished and tuned up. In this connection it is

of interest to record that it was impossible to purchase tires to fit the wheels. The B. F. Goodrich Company of Akron, Ohio, made special moulds for the purpose and turned out four tires, of the single casing variety, as nearly like the original equipment as possible. Just before Model A1 was shipped to Bethlehem, it was driven under its own power on the Packard proving grounds in Detroit, attaining the "remarkable" speed of twenty miles per hour.

According to Mr. Packard's associates, he had little thought of establishing a new industry when he began work on Model A1. He was at that time operating an incandescent lamp factory in Warren, Ohio, and became interested in the horseless carriage mainly because he felt that the early efforts to build automobiles could be considerably improved upon. With his natural fondness for fine machinery, he assembled a car that embodied many improvements over current models on the market in 1899 and a number of his friends demanded that he build similar cars for them. Thus began the Packard Motor Car Company. One's first inclination on seeing the Model A1 is to smile at its crudeness, judged by modern standards. However, as the car stands in the lobby of the new building, it is regarded with respect rather than amusement. Far from being a ludicrous old-timer, in its permanent shrine it becomes a symbol of the progress to which the Packard Laboratory is dedicated.



The whole college turned out to welcome the car to the Packard Lab.

SCIENCE AND THE LARGER LIFE

Science will cure unemployment, says great industrialist, hailing Packard Laboratory as "Crucible of Science" in his Dedicatory Address, delivered at the formal opening of James Ward Packard Laboratory of Electrical and Mechanical Engineering at Lehigh University, on October 15, 1930.

By CHARLES M. SCHWAB

Chairman of the Board, Bethlehem Steel Corporation



WE ARE gathered here today to receive and dedicate this gift to Lehigh University, which has been made possible through the generosity of her late beloved son, James Ward Packard. Mr. Packard's life exemplified the practical relationship of science to human affairs. He took the findings of the laboratory and applied them to the uses of business. He had vision without being visionary. He was essentially an educator, who carried the lessons of the school rooms into the activities of everyday life.

His work as a maker of electrical products and a pioneer in automobile building constitutes an excellent example of the purpose and potentialities of this building which we dedicate. Mr. Packard established a fortune through the application of science to everyday uses. That fortune in turn is reinvested to develop brain-power. Thus science continues to reap its own reward.

We all admire this University, its tradition, its high standing in the educational world, the men it has produced.

Educational institutions such as this are not the product of chance, but are created by the earnest devotion of able and inspired men. No university is greater than its faculty, and the impetus to the work of the professors is greatly affected by the leadership of their president.

THHEREFORE, today, as we take pride in Lehigh University, we must pay tribute to the distinguished accomplishments of President Richards. He has brought the institution in touch with the needs of modern life. Under his guidance, Lehigh has not only kept pace, but is in the forefront of educational advance. We must acknowledge equally the faithful and inspired work of the faculty. These men are noted in their respective fields, bearing a deserved repute based upon their educational ability which is the foundation of Lehigh's standing. It is essential to the University that these men should be provided with facilities which will permit the exercise of their capabilities and of the minds of their students, to the fullest extent.

If the Packard Laboratory served solely as additional modern equipment for Lehigh, that would be a worthwhile function. But this building symbolizes, and indeed accomplishes, much more than a local usefulness.

It is a crucible of science, and the expansion of sci-

entific knowledge and method is the outstanding development of the present age.

Progress, as we know it today, was accelerated only when man began to collect experience and apply it to everyday problems. In earlier days when tribal customs handed down knowledge and experience from one generation to the next, there was no organized program, no large scale production of this knowledge and no adequate recording of it. The results were meagre.

Common sense and the rule of thumb are essentially just as valuable today as ever, for we have combined the experience of thousands of rules of thumb into scientific principles.

This organization of knowledge has, I believe, a three-fold influence on our present and future which we are just beginning to realize. Science is a safeguard of democracy against white or red tyrannies. It holds forth an ever-brightening promise to labor through emancipation from heavy toil, reduced cost of living, and greater opportunity. It is bringing about a new era in business administration.

STUDENTS of the world's progress have long recognized that science as reflected in electrical or mechanical power has made possible a civilization for the whole people. It was mechanical power which undermined the institution of slavery and made it obsolete. This consideration has not satisfied various writers of recent years who have predicted the decline of the United States, comparing its course with that of earlier civilizations. Such a point of view, however, fails to take into account adequately the achievements of science in this present age.

We have telephone and telegraphic communication. We have air, motor, rail and water transportation in ever-improving efficiency. We have large scale production, providing goods for the average man at low cost, and we have schools and universities for the public, giving the opportunity to each new generation to train its brain power so that it can grapple effectively with the problems of the age.

This placing of knowledge within the reach and use of every man is the technique whereby democracy survives. It provides an equality of opportunity and an ever-changing aristocracy of ability which is the strength of our democracy.

No one has benefited more than the common laborer from our laboratories. Many of those present here today can recall, without looking back many years, the long hours of labor and the heavy physical toil in our industrial plants. In fact this was the practice for so many years that the public at large may not yet realize the changed conditions. Cranes and other automatic devices have replaced heavy lifting by human power. Ventilating and blower systems have mitigate the intense heat. Ample lighting and safety devices have made for healthier and safer working conditions. Industrial accidents throughout the nation have been declining steadily during the past ten or more years.

Not only has labor gained with respect to better working conditions, but likewise wages have more than doubled and are at levels considerably ahead of the increase in the cost of living. In fact, many products which a generation ago were available only to the rich are today within the range of the working man's income. Automobiles and electric light are two notable examples of the products which large scale enterprise has placed within the range of the worker's income.

Looking to the future, I see in the further acceleration of science continuous jobs for our workers. Science will cure unemployment. New industries will arise from our laboratories. That is the basis of American progress. Many of our most active businesses at the present time are the results of recent inventions. Electrification, cellulose products and new developments in the oil refinery field are examples. Our industrial expansion will continue as long as the scientists develop new processes and products, creating new demands for employment.

THEN there is a further way in which science is of aid to the worker. It has widened his opportunity to advance. Employers are constantly changing their methods of operation. They must keep open minds in order to keep pace with advances in their business. They are on the alert for suggestions for improvements and the worker who is able to suggest such improvements will be advanced. No man need feel that he is in a rut. The rut may be there,

but he is encouraged to climb out of it, indeed to abolish it.

It is being said that the higher positions are going to those of higher education. Generally speaking that is true, because of the wide knowledge necessary for managerial places in this scientific age. There are scores of instances where men have educated themselves for advancement by study outside of their working hours. Further, the son of the worker has an opportunity for an education equal to any. Any boy with an excellent high school record can, through scholarships and jobs, find the funds for university training.

The very vastness and influence of our modern scientific knowledge has created a new order in business affairs. Science has made necessary a new type of leadership. Great industrial corporations need as executives men who understand the forces which they are administering. This means that the modern executive either has technical training himself or else brings technical men into association with him in the problems of administration. Organization, order, the establishment of sound working principles are all a part of the scientific method, whether they are found in technical or commercial pursuits.

THE business man and the scientist, in short, have formed a co-partnership which is beneficial to each. The callings of both have grown in stature, thanks largely to the mutual aid which each has given to the other. The result is that today we are undertaking a wide variety of experiments with armies of men devoting their entire lives to the pursuit of knowledge and its usefulness. The discoveries of the scientist are appreciated by the world of business and put into operation.

This building which we dedicate today is a challenge.

We must not rest upon what has been accomplished, but must look forward to the future. In this laboratory will be trained young men who will direct that future. In it must be made discoveries at least equal in significance to those of the past generation. Science has opened the door to the larger life, and it is our duty to utilize this building so that it may serve in that advancement.

Not in His Speech But in His Heart



Charles M. Schwab

TO ME, no meeting, no matter how dignified, seems complete without that personal touch which comes to a man with long business experience. Therefore, though I speak before this learned body, I feel that there is none better qualified to speak on that which I have learned during a long life. We have spoken in this address of the importance of science to the development of industry. There is one phase of life that we have overlooked. That is the broad development of democratic character. Teach the young men in your halls that the possession of a degree is only a step toward a successful business career. Teach them to believe that their education is no more important than that of the boy in the workshop—that it is all education and should be mutually respected. Thus will come boys who have that broad democratic character that honors men for what they are and not for the degrees they have received.

IT HAS been a great pleasure to be here to see the success of this University in which I have seen so many years of activity. I am a Trustee of Lehigh—not a very good one, but I told Dr. Richards today that I think the reason he has gone ahead so rapidly is because I haven't attended his meetings.

JAMES WARD PACKARD was a great man. He had the characteristics of which I spoke to the fullest degree. You have done him all the honor that is possible, and I am glad to participate in it for what he has done for this institution.

Lehigh Celebrates Founder's Day

Asa Packer's Memory Honored at Annual Exercises, with Dean Berry of Johns-Hopkins Delivering the Founder's Day Address. Honorary Degrees and Undergraduate Prizes Awarded. Sophomores Rout Freshmen in Annual Sports.

OCTOBER 1 was Founder's Day. Classes were suspended, and all Lehigh turned out to honor the memory of its founder, Asa Packer, in the traditional manner. The Founder's Day address, a scholarly discussion on "The Nature of Progress," was delivered by Dean Edward W. Berry of Johns-Hopkins University. Thirty-eight masters and baccalaureate degrees were awarded and in addition, the honorary degree of Doctor of Science was conferred upon Dean Berry and Harald M. Westergaard of the University of Illinois.

In the afternoon the annual Founder's Day sports were held on Taylor Field with the sophomores emerging victorious in four of five events.

Founder's Day Address

In his address, Dean Berry said in part:

"It is a fine thing for a University to pause in its routine activities once each year to observe a Founder's Commemoration, or Memorial Day. Not merely to perpetuate the memory, idealism and beneficence of that Founder, but to renew for ourselves the faith in the future which he exemplified so conspicuously in all the walks of life, to glance at the past and endeavor to visualize our aims for the future, somewhat as a business corporation takes account of stock. But, with this great difference—an educational institution does not exist to earn dividends in money. Its most precious assets are not increased endowments or athletic victories, nor bricks and stone, nor laboratories or libraries necessary as these may be, but its reputation for scholarly accomplishment, and the character and professional standing of its faculty, executives, trustees, students and alumni.

"Perhaps, at the start, I should make some statement as to what I mean by progress. As I conceive it, and without bothering about either the dictionary or the philosopher's definition, progress means a constant improvement in method and efficiency of living. Whether or not it is a virtue I will leave to others to decide—it is certainly a necessity as I hope to show.

"Some philosophers and latter day prophets are inclined to see disaster ahead for humanity. They seem to feel that material man is in the process of eliminating the spiritual man, as if materialism was the cannibal and spiritualism was the missionary, but I do not believe this is true, nor that it would be wise even if it were possible to declare a ten-year moratorium in research as the Bishop of Ripon suggested in his sermon before the British Association in 1929. Knowledge and ever more knowledge is an absolute necessity if we are to live rationally and most effectively.



Edward Wilbur Berry

Dean of Johns-Hopkins University and eminent paleontologist, who delivered the Founder's Day address. Dean Berry was also the recipient of the honorary degree of Doctor of Science

IT MIGHT seem that my brief picture of successive dominant groups of animals being replaced by less specialized and more plastic groups is the sign post of disaster for man or at least a detour sign warning him to mend his ways—to become more spiritual and less material, but the analogy between the present state of humanity and let us say—the last of the dinosaurs is a false analogy, and for the following reason. Our future progress is not on the physical plane as it has been in the case of all past dominant groups of animals. It does not at all depend upon our developing horns or teeth or a protective armor, but upon using our knowledge in right living. It is on a mental and not a physical plane. In fact this is largely true of the evolution of man from the beginning of the race.

"The question has frequently been raised as to whether man is to continue to remain more or less the master of Civilization or is destined to become its miserable victim. The Great War was responsible for much of this searching of heart. My own experience in the broader field of the evolution of man leads me to maintain a hopeful attitude. As animals—that is, affairs of bones, teeth, muscles, etc., things of flesh and blood—man is surely a less efficient machine than were his ancestors of 50,000 years ago—but as masters of our fate we have gone a long way in rationalism, as we have also in understanding and controlling our environment.

"The wisdom and altruism of such men as Asa Packer, Ezra Cornell and Johns Hopkins concerned itself with the unlocking of the door of opportunity for

succeeding generations. All of our earlier colleges had as their chief aim the mental, moral and religious discipline of their students, a rather different ideal from that which we profess today.

"I believe that Asa Packer and the others I have mentioned had a realization, even if they did not formulate it, that the world was on the threshold of the true age of man. Today it is not enough to serve one's locality, state and nation—we must serve the world. Today an institution which is content to pass on to its students merely what is already known—if there are any such institutions—is an anachorism. Information needs to be changed to inspiration.

"Although I do not at all subscribe to what is often considered the American spirit and which is aptly summed up in the phrase, 'Where do we go from here,' it is perfectly true that both the individual and society need a goal. We need patience and wisdom. We need to understand human relations."

Honorary Degrees Conferred

DEAN BERRY was presented for the degree of Doctor of Science by Professor B. L. Miller. Edward Wilbur Berry, as a youth, entered the journalistic field and eventually became manager of the *Passaic Daily News*. During this period he developed as a hobby a collection of fossil plants. In 1905 he decided to make his diversion his chief work and entered Johns-Hopkins to better prepare himself for scientific investigation in his chosen field. There he has worked for the past 25 years having been made professor of paleontology in 1917. His contributions to American and foreign periodicals number more than 400 and he is the author of several volumes.

Harald Malcolm Westergaard was presented for the degree of Doctor of Science by Professor W. A. Slater. Dr. Westergaard is a graduate of the Royal College of Engineering in Copenhagen. He also studied at Göttingen, Munich, and the University of Illinois. Since



Harald Malcolm Westergaard

Scientist and engineer. In recognition of his achievements in the field of theoretical and applied mechanics and as a structural analyst as exemplified in the analysis of the stresses of the projected Boulder Dam, he was given Lehigh's honorary degree of Doctor of Science, on Founder's Day

1916 he has been a member of the faculty of the University of Illinois and has distinguished himself by outstanding scientific work in the field of the theory of elasticity. He has been called upon for special investigations by the American Concrete Institute, the Bureau of Public Roads, the Engineering Foundation, and the Bureau of Reclamation. Many of his writings, recognized in Europe as well as in America, seem destined to become classics in their field.

Prizes and Degrees

THE Wilbur Scholarship, awarded annually to the sophomore with the best record, was presented to William C. Elmore of Montour Falls, N. Y. The alumni prizes for scholastic excellence in the junior year were awarded to Walton Forstall, Jr., '31, son of Walton Forstall, '91, and Frank A. Stutz, of Washington, D. C., who, incidentally, plays center on the football team.

The following masters' and bachelaureate degrees were awarded:

- MASTER OF ARTS: J. L. Eisenhard, D. W. Gateson, H. M. Prentiss, C. F. Schoffstall.
- MASTER OF SCIENCE: M. A. Farrell, A. M. Hollenbach.
- BACHELOR OF ARTS: J. A. Bohner, R. Cannan, S. P. Coates, A. Cohen, W. H. Geib, Z. J. Letowt, Jr., O. R. Miller, R. S. Myers.
- B.S. IN BUSINESS ADMINISTRATION: J. Curtin, Jr., G. S. Dixon, B. L. Getz, E. T. Gorman, M. L. Heyman, H. Horner, P. J. Lembeck, W. S. McCurley, Jr., G. P. Ogden, C. J. Proebstle, E. N. Small, C. T. Thompson.
- B.S. IN CH.E.: D. Y. Miller.
- B.S. IN CHEMISTRY: H. Nevins.
- B.S. IN C.E.: J. H. Auten, J. R. Leader, J. A. Seavo.
- B.S. IN E.E.: J. T. Danko, J. A. Kiep, C. McLanglin, E. R. Roberts, W. Wynkoop.
- B.S. IN I.E.: R. Feucht.
- B.S. IN M.E.: W. B. Stettler.



Frosh and Sophs, ready for the tie-up, as the whole college looks on



A close-up of the manly art of "pants tearing" '33 versus '34



Is it a touchdown?

FEELING a little low after that rout at Philadelphia. But then Penn did not do any more to us than Colgate did to Lafayette. The thing that really matters is what we are going to do to Muhlenberg, Princeton, Rutgers and Lafayette.

You may think I am ready to renig on my guess that this year's Lehigh team will win six games, but I am standing pat even though Gettysburg took one which I had counted on for us. After watching the Navy play with Princeton yesterday I figure the newspaper man who sat next to me in the press-box was right when he said, "Princeton will have to be lucky to beat Lehigh."

We have three victories tucked away, and even with a crippled team we should take Muhlenberg next Saturday. That leaves us with three hard games ahead. Can we win two of them? Well, I think we have an even chance of doing this, should our cripples be in shape.

There is no doubt in my mind that this year's team is better offensively than any we have had for some years.

It is!

Photo on right snapped a split second after the one above shows Ware over the line, making the score Lehigh 12, Ursinus 0.



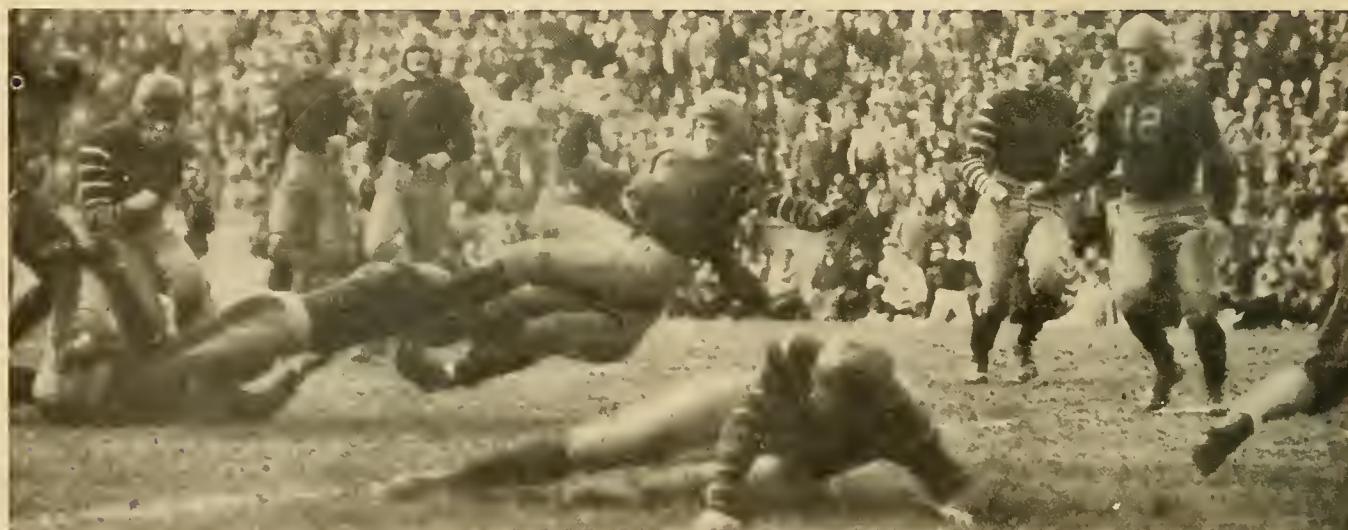
So far, however, their defensive work has been poor. But there is enough weight, strength and spirit to give us a good defense if the boys are learning by experience. There is only one place a lineman can learn defense and that is in an actual game. Most of our linemen were lacking in experience when the season began. Every game they play is teaching them how to meet and check the enemy's attack. I look for the results of this experience in the next four games.

We seem to be on the short end of the psychology this year. We catch Penn after an unexpected upset at Wisconsin and they are keyed up to the top notch

in our game. On the other hand, with our team crippled and our important games in the offing Austy did not dare put any emphasis on it. In fact he pulled most of our regulars as soon as he saw Penn was too much for us. The second half was really a game between our third team and Penn's third team.

WE ARE going to run into the same thing in the Princeton game. If Chicago takes Princeton this Saturday then we are going to catch the full force of everything Princeton has. However, they will have to give more than they gave against the Navy to beat us.

It's a funny game, this football. Teams



Chick Halsted brought down after a gain against Gettysburg

I'm Still Guessing

Numerous Injuries Weakened the Team for Important Mid-Season Games, But "Okey" Expects the Eleven to Develop Full Strength for the Closing Contests

that a Team is Concealed in Taylor Field

Says WALTER R. OKESON

Treasurer of Lehigh University and Commissioner of Football Officials

rise to unexpected heights one Saturday and sink to unexplainable depths the following week. All you can do is to look at the individual material which is available and then make your guess. We have better material than Muhlenberg, almost as good as Princeton, as good as Rutgers with the exception of Grossman who is a real star, and quite as good as Lafayette. All of which means that any of these games can easily go either way, depending on the spirit of the two teams and the breaks of the game. What I am counting on is a latent spirit in our chaps which has not yet broken into real flame. I have faith that it is there but if I am wrong then we have nothing no matter how good the material looks. Football is still a game which is 90% fight. If our players discover this they will be hard to stop.

You will make a mistake if you miss this year's game with Lafayette.

Lehigh, 12; Ursinus, 0

LEHIGH showed a real offensive in the first half but we must admit we had the breaks. One touchdown was about the difference between the two teams. Ursinus was strong and in the second half staged a beautiful march which almost resulted in a touchdown. A fumble on our 5-yard line, which was recovered by "Jodey" McLernon, saved us.

Our back-field functioned well for the first game with Halstead standing out prominently in the ground-gaining. Our line was not as good as it might have been on offense and very poor on defense. The line-up:

Ursinus	Lehigh
Paul L.E.	Issel
McBath L.T.	Haas
Allen L.G.	Twiggard
Julo C.	McLernon
Hess R.G.	A. Robb
Lewin R.T.	Motion
Coble R.E.	Hall
Dotterer Q.B.	Nora
Sternier L.H.B.	Doering
Miller R.H.B.	Ware
Soeder F.B.	Halsted

Touchdowns: Ware, Halsted. Substitutions: Ursinus, Egge for Paul, Smeigh for Hess, Herron for Levin, Lodge for Soeder, Soeder for Lodge, Frick for Sternier, Herron for Levin, Thorogood for Egge, Lodge for Soeder; Lehigh, Gormley for Nora, Stein for Twiggard, Chess for Robb, Jones for Doering, Twiggard for Stein, Robb for Chess, Reed for Ware, Platsky for Twiggard, King for Robb, Rushong for Issel. Referee, E. C. Taggart, Rochester. Umpire, C. A. Reed, Springfield. Field Judge, L. J.

Korn, Swarthmore. Head linesman, F. R. Gillinder, Penn. Time of periods, 15 minutes.

Lehigh, 25; P.M.C., 0

PENNSYLVANIA Military Academy came to Bethlehem all primed for victory. Their team was almost the same as that which tied Lehigh last year 20 to 20, so they had reason for their optimism. Our team, however, was much farther advanced than was the case last year and won the game very handily. Our line showed great improvement on offense and to a lesser degree on defense. Allen Ware was perhaps the outstanding figure in the back-field but the rest of the backs all went well. In every way it proved a satisfactory game to the coaches, although they realized the opposition was not strong enough to really test our team.

The line-up:

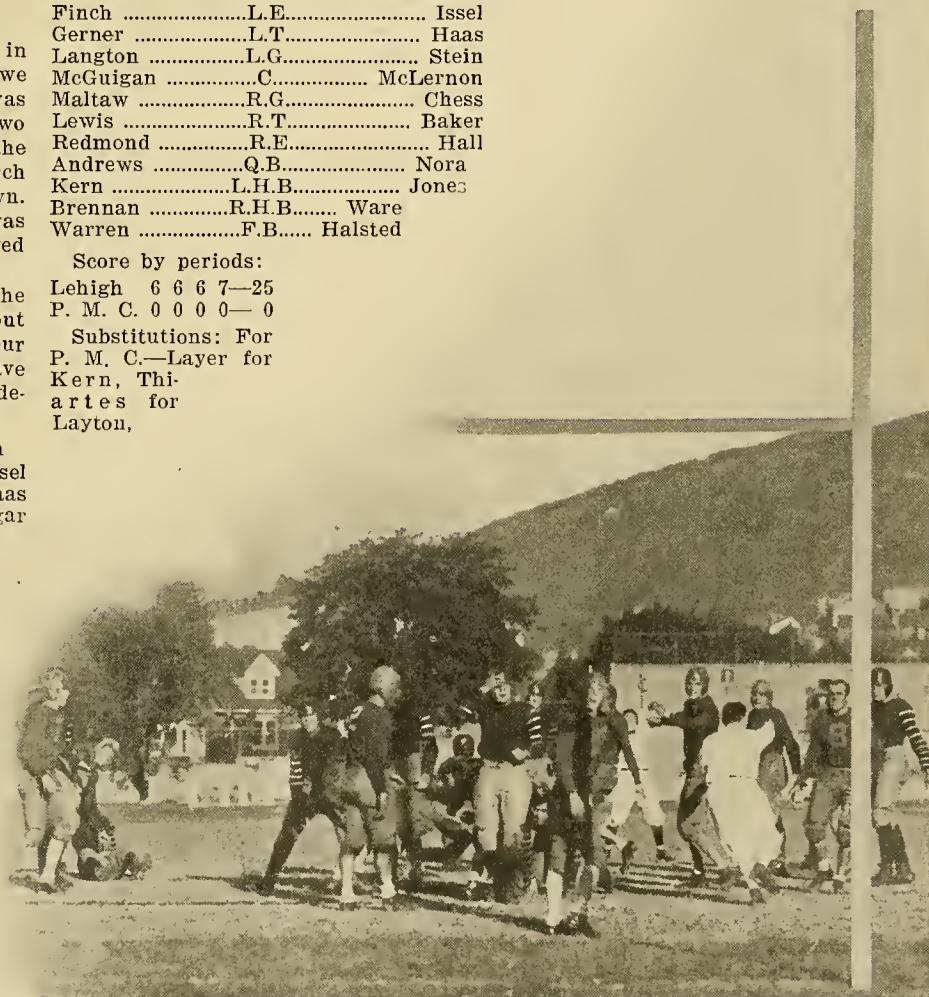
P. M. C.	Lehigh
Finch L.E.	Issel
Gerner L.T.	Haas
Langton L.G.	Stein
McGuigan C.	McLernon
Maltaw R.G.	Chess
Lewis R.T.	Baker
Redmond R.E.	Hall
Andrews Q.B.	Nora
Kern L.H.B.	Jones
Brennan R.H.B.	Ware
Warren F.B.	Halsted

Score by periods:

Lehigh 6 6 6 7—25
P. M. C. 0 0 0 0—0

Substitutions: For P. M. C.—Layer for Kern, Thiartes for Layton,

Cook for Redmond, Castentin for Thiartes, Castentin for Maltaw, Bower for Gerner, Warren for Andrews, Lewis for McGuigan, Egerer for Lewis, Pugh for Lawer, Martin for Bauer, Redmond for Cook, Miller for Brennan, Smith for Finch. For Lehigh—Rushong for Issel, Rauh for Chess, Twiggard for Stein, Gormley for Nora, Kleppert for Jones, Reed for Halsted, Gindell for Gormley, Twiggard for Reed, Rauh for Chess, Doering for Ware, Gormley for Nora, Stutz for McLernon, Motion for Baker, Rushong for Issel, Platsky for Twiggard, Reed for Halsted. Touchdowns: Halsted 3, Nora 1. Point after touchdown: Ware (placement). Referee: J. R. Trimble, Dubuque. Umpire: C. A. Eberly, Swarthmore. Field Judge: A. L. Crapser, Springfield. Head linesman: A. M. Barron, Penn State. Time of periods, 15 minutes.



Point after touchdown against P.M.C.

Lehigh, 19; Johns-Hopkins, 12

LEHIGH travelled to Baltimore and won a game on a foreign field—the first in five years. However, the victory was nothing to brag about and again showed up our weak defense. The day was intensely hot and outside of Tommy Nora our back-field functioned as though they were on the edge of a sun stroke. Tommy played a beautiful game. He scored two of Lehigh's touchdowns, one on a 53-yard run. A fumble by Lehigh on their 4-yard line gave Hopkins their first touchdown, while a beautiful forward pass to the 2-yard line paved the way for the second one. Doubtless the breaks were against us, but our play was poor.

The line-up:

Johns Hopkins	Lehigh
Lang .....L.E.....	Issel
Frey .....L.T.....	Haas
Levy .....L.G.....	Stein
Helme .....C.....	McLernon
Curtright .....R.G.....	Chess
Bialoskorski .....R.T.....	Baker
Weitzel .....R.E.....	Hall
Bauer .....Q.B.....	Nora
Turnbull .....L.H.B.....	Jones
Reynolds .....R.H.B.....	Ware
Hudert .....F.B.....	Halsted

Score by periods:

Lehigh	6	6	0	7—19
Johns Hopkins	6	0	0	6—12

Substitutions: Lehigh—Rushong for Issel, Platksy for Stein, Robb for Chess, Rushong for Hall, Sindell for Nora, Klippert for Jones, Doering for Ware, Reed for Halsted, Blood for Reed; Johns Hopkins—Tobin for Frey, Phillips for Helme, Pruss for Bialoskorski, Beeler for Bauer, Bullard for Rushong, Wilson for Reynolds, Reid for Hudert. Touchdowns—Nora 2, Turnbull 2, Ware. Point after touchdown, Klippert (placement). Referee, E. H. Hastings, Cornell. Head linesman, Paul Menton, Loyola. Umpire, C. E. Price, Swarthmore. Field Judge, H. E. Armstrong, Tufts.

Gettysburg, 14; Lehigh, 0

HERE was a defeat and yet, outside of the injuries incurred, it gave more encouragement than any game so far played. Gettysburg is very strong. Any team that can beat Villanova is a powerful aggregation. Yet, during the first half Lehigh decisively outplayed them. Lack of punch plus dropped forward passes prevented several scores by us which, if made, might easily have paved the way to victory over an inherently stronger team.

After Lehigh had failed three times in the first half to turn good advances into touchdowns, Gettysburg came back strong and Lehigh's offense faded. A splendid drive by the visitors put the ball on Lehigh's 5-yard line. Here Lehigh's defense stiffened and their first three rushes left the ball on the 1-yard line. The fourth attempt, however, was successful and Hardy went over for a score. A blocked kick late in the game gave Gettysburg the ball on Lehigh's 7-yard line, from which point Anglemoyer went over for a score.



Halsted running the ball from a fake kick formation

Lehigh was not quite at full strength in this game as Chick Halsted had been injured in the Johns Hopkins game and did not start. He went into the game towards the end of the first half but was not used much, except to pass.

This hard game took a heavy toll in the way of injuries and left the team in very bad shape for the Penn game. However, none of the injuries appear serious and the men injured ought to be in shape before the Princeton game.

The line-up:

Gettysburg	Lehigh
McCarthy .....L.E.....	Issel
Seeley .....L.T.....	Evers
W. Stoner .....L.G.....	Platzky
Renshaw .....C.....	McLernon
Santaniello .....R.G.....	Stein
Moller .....R.T.....	Baker
D. Stoner .....R.E.....	Duke
McCloy .....Q.B.....	Nora
McMillen .....L.H.B.....	Klippert
Koontz .....R.H.B.....	Ware
Anglemoyer .....F.B.....	Sindel

Score by periods:

Lehigh	0	0	0	0—0
Gettysburg	0	0	7	7—14

Touchdowns: Hardy, Anglemoyer. Points after touchdown: Anglemoyer 2 (placements). Substitutions: Lehigh—Myers for Baker, Clarke for Duke, Halsted for Sindel, Jones for Klippert, Rushong for Issel, Gormley for Nora, Hass for Evers, Chess for Platzky, Issel for Rushong, Evers for Haas, Haas for Evers, Doering for Issel, Klippert for Jones, Sindel for Halsted, Duke for Clarke, Gormley for Nora, Stutz for McLernon, Twigg for Stein; Gettysburg—Eden for Stoner, Hardy for McMillen, Hower for Stoner, Johnston for Eden, Smith for Seeley, Lamb for Santaniello, Sinclair for Renshaw, Walker for McCarthy, Agar for Moller, Gilbert for Koontz. Referee: J. R. Trimble, Dubuque. Field Judge: J. R. Lehecka, Lafayette. Linesman: C. A. Eberle, Swarthmore. Umpire: W. R. Douthitt, Ursinus. Time of periods, 15 minutes.

Pennsylvania, 40; Lehigh, 0

WHY write about it? It was a terrible afternoon. Those who saw it do not want to read about it and those who did not will not find pleasure in an account

of the disaster. Of course, Austy could have kept the score down by leaving his first string men in the game, but it might have cost us dearly to do this. He simply called it ancient history about the middle of the second period and started thinking about the rest of the schedule. The next few weeks will probably demonstrate that he used good judgment.

The line-up:

Penn	Lehigh
Merrick .....L.E.....	Issel
Sokolis .....L.T.....	Evers
Morris .....L.G.....	Twigg
Robinson .....C.....	McLernon
Newcomb .....R.G.....	Stein
Sweeney .....R.T.....	Meyers
Burnett .....R.E.....	Clark
Gentle .....Q.B.....	Nora
Masters .....L.H.B.....	Gormley
Gette .....R.H.B.....	Ware
Collis .....F.B.....	Jones

Score by periods:

Penn	7	14	7	12—40
Lehigh	0	0	0	0—0

Touchdowns: Masters, Ford, Riblett, Smith, Collis, Masavage. Points after touchdowns: Masters (placement); Perina 2 (placement); Smith (placement). Substitutions: Penn—Raffel for Merrick, Booth for Sweeney, Wilson for Morris, Engle for Robinson, Barrett for Newcomb, Olsen for Sokolis, Riblett for Burnett, Graupner for Gentle, Perina for Collis, Ford for Masters, Munger for Gette, Zeigner for Engle, Onderdunk for Munger, Hemeon for Merrick, Yablonoski for Ryder, Williams for Willson, Ryder for Yablonoski, Tanseer for Riblett, Masavage for Munger, Collis for Perina, Smith for Graupner, Hall for Collis, Nash for Tanseer; Lehigh—Sindel for Nora, Stutz for McLernon, Twigg for Motion, Haas for Stein, Fisher for Gormley, Mason for Stutz, Klippert for Fisher, Reed for Ware, Hirschberg for Kugler, Bailey for Jones, Blood for Sindel, King for Twigg, Dow for Haas, Crabb for Reed, Motion for Bailey, E. Robb for Mason. Referee: E. C. Taggart, Rochester. Umpire: A. W. Palmer, Colby. Field Judge: Lou Korn, Swarthmore. Head linesman: J. A. Buckout, Holy Cross.

Soccer Team Finds Itself After Poor Start

After losing its first three games by one point each and the fourth by two goals, the soccer team found itself against Delaware in their fifth game played on November 1, winning 6 to 0. Prior to this game, the team seemed to be playing in the hardest kind of luck.

In the opening game with Syracuse, which was lost by a 5 to 4 score, one of the opponents' goals was scored by Bill Seeburger, a Lehigh defense man, when the ball caromed off the side of his foot into the goal mouth. He came back, however, and scored one of his team's points.

The strong Haverford team was held to a 2 to 1 score which is somewhat better than a 13 to 2 lacing the Brown and White suffered from them last year.

A 3 to 2 defeat by the Navy was a heart breaker. The Midshipmen scored their winning goal in the last minute of the game after the contest had every appearance of ending in a draw.

The Army proved that it was not to be outdone by its great rival at Annapolis, when the Cadets defeated Lehigh 2 to 0 for the fourth successive defeat. This game was played at night under floodlights and was said to be one of the roughest games a Lehigh soccer team had played in for many seasons.

Delaware proved to be an easy foe and Lehigh found its stride, scoring three goals in each half.

The team has been handicapped by lack of veteran players, although there was some very promising material coming up from the freshman class last year, but these men are still comparatively green for intercollegiate competition. As they get more accustomed to the pace there is every reason to expect the team to improve as the season progresses.

The booters were also handicapped by the loss of their captain, "Mort" Strauss, at the very start of the season. "Mort" resigned from college after coming back for a few weeks. He was one of the leading center forwards in college ranks last year with a total of 22 goals to his credit or an average of more than two per game.

Bucky Schaub, veteran goal tender, who is also captain-elect of the basketball team was chosen leader of the soccer team after the season got under way.

The schedule and results to date:

	Opp.	L.U.
Oct. 4	Syracuse, home	5 4
Oct. 11	Haverford, home	2 1
Oct. 18	Navy, away	3 2
Oct. 29	Army, away	2 0
Nov. 1	Delaware, home	0 6
Nov. 8	Swarthmore, away	.. ..
Nov. 15	St. John's, home	.. ..
Nov. 22	Lafayette, away	.. ..
Nov. 26	Princeton, home	.. ..



Maryland Alumni Entertain Team

Once again the omen of good luck created by the Baltimore Alumni by entertaining a Lehigh team on the night previous to a game prevailed. Back in 1912 the members of a Lehigh football team were the guests of the Baltimore alumni on the evening preceding a game in which the team defeated the Navy on its home field for the first time in many years. This year it was a case of history repeating itself in certain respects. Austy and his team were the guests of the Maryland Lehigh Club at a dinner held in the Engineers' Club, Baltimore, on October 10, the evening previous to the Johns-Hopkins' game. The next day the team proceeded to defeat the Medicos, thereby winning its first game away from home since 1925. There were close to fifty men comprising the group from the University which was present at the dinner, including thirty-three players, the coaches, the manager and several assistants. The alumni present numbered about thirty-five.

George Dornin, '93, an old-time Brown and White football player, presided at the dinner and was elected president of the club later in the evening. Before introducing Austy Tate, he related a few incidents comparing the game of his time with that of the present day, in an interesting style.

It was Austy who expressed his faith in the omen of good luck in this dinner, which proved to be true on the following day. Bill Springsteen, '24, one of the assistant coaches also told of a few interesting incidents in connection with his experiences on the gridiron. The evening would not have been complete without a few remarks

from Tubby Miller, captain of the 1929 team that broke Lafayette's string of successive victories, who said he was firmly convinced that his was the greatest of all Lehigh teams.

The other officers elected before the gathering was concluded were Francis Wrightson, '06, vice-president; Frank Carozza, '27, secretary, and S. B. "Slats" Downey, '18, treasurer.

New York Club Enjoys Trip Around Manhattan

The Lehigh Club of New York opened its '30-'31 season on Saturday, October 11, with an excursion in the Municipal Steamer "Colonel Clayton." Over 200 Lehigh alumni with their families were aboard when the boat left Pier A at 1:30 p.m. Proceeding up the Hudson River those who made this same trip five years ago were impressed with the startling changes in the Manhattan sky line. Passing under the cables of the great Fort Lee Bridge, which is being built by McClintic-Marshall, '88, the steamer turned into the Ship Canal at Spuyten Duyvil, thence into the Harlem River, under the two steel arch bridges and through the ten draw bridges, into the East River, thence back to the Battery and landing at Pier A at 6 o'clock.

The novelty of circumnavigating Manhattan Island and viewing this world centre from the Harlem and the East Rivers, as well as from the Hudson, was appreciated by the Lehigh men and the hours aboard the boat gave many opportunities for renewing acquaintances that began on South Mountain. In some cases alumni clasped hands after an interval of a generation—in one case two men met who had not seen each other in forty-four years. The affair was in charge of Wm. Wirt Mills, '87, president of the New York Club, and was made possible by the courtesy of his successor, Albert Goldman, Commissioner of Plant and Structures, who assigned the boat to the Club.

Philadelphia Club Holds Penn Smoker

On the eve of the Lehigh-Penn game, the Philadelphia alumni gathered at the Engineers' Club to vent their hopes for the following day which were destined to be so rudely blasted. Some twenty men ate dinner together at the Club, being joined later by a score or more who dropped in for the smoker. Lew Young, of Penn, Okey, and Buck were all called upon by President Cliff Lincoln for their versions of the football situation. Porky Flinn, '17, J. S. Rowan, '10, of Baltimore, and Casey



Prof. Neil Carothers receives his "L" as tennis coach from Bosey Reiter

Ryan, '05, of New York, were called upon for extemporaneous remarks.

Refreshments were served when the talk-fest was over and the meeting broke up slowly with everybody saying "So long; see you tomorrow at the game."

York Club Plans Activities

A business meeting of the York Lehigh Club was held on October 3 at the Yorktowne Hotel. Results of the Club's efforts to interest prospective students in Lehigh last spring were discussed and a committee appointed to formulate plans for the continuation of this activity. Several suggestions for obtaining more publicity for Lehigh in local papers were offered. A committee was appointed to look into the advisability of sponsoring a visit to York of the Mustard and Cheese Club. The next meeting will be held at the luncheon on November 14, Hotel Yorktowne.

Dr. Carothers Addresses the Northern Ohio Alumni

The Northern Ohio alumni held an enthusiastic meeting at the Lake Shore Hotel, Cleveland, on October 31. Dr. Neil Carothers, head of the College of Business Administration was the principal speaker. While the number of alumni present was not so large, it included men from Toledo, Elyria, Canton and other points some distance from Cleveland. A. H. Bates, '89, presided at the meeting, with G. P. Nachman, '14, as general chairman of the affair.

Dr. Carothers gave a comprehensive résumé of conditions and activities on the campus with special emphasis on current events, including the dedication of the Packard Laboratory, football, the enrollment, and many other phases of the Lehigh picture of 1930. His talk aroused considerable interest in several of those present and led to a discussion which continued until close to midnight, even though several of the alumni had long distances to drive before reaching home.

One of the older alumni present was R. H. E. Porter, '89, who was one of Lehigh's tennis luminaries in the early days of the net sport. Dr. Carothers was keenly interested in Porter's reminiscences on the matches in which he figured with Richard Harding Davis, '86, and his brother Charlie, '87.

Heilman, '28, Appointed Penn Wrestling Coach

Bill Heilman, '28, captain of one of Lehigh's championship wrestling teams has been appointed head coach of the wrestling team at the University of Pennsylvania, succeeding "Bunny" Servass, who held the position for many years but was obliged to retire because of poor health.



Tau Beta Pi dedicates a memorial at Lehigh to its founder, E. H. Williams, Jr., '75, on 45th anniversary of the fraternity

TAU BETA PI, national honorary engineering fraternity, celebrated its forty-fifth birthday by erecting a memorial to its founder, Dr. Edward Higginson Williams, Jr., '75, at its birthplace on the Lehigh campus. The annual convention of this fraternity was held at Lehigh on October 9, 10, and 11 with the Alpha Chapter of Pennsylvania as the host. The dedication of this memorial served as a climax to the convention and was attended by the founder himself.

It was not far from the very spot where the ideals and principles of Tau Beta Pi were conceived in 1885, by Dr. Williams, when he was professor of mining engineering and Geology, that the memorial has been erected to designate the birthplace of this Society. Its location, on the terrace below Williams Hall, the gift of Prof. Williams to his Alma Mater in 1903, is most fitting. It consists of a bronze tablet mounted on a large boulder of glacial origin from the Saucon Valley, just on the other side of South Mountain where Dr. Williams conducted exhaustive studies on glacial deposits.

The memorial was unveiled by Wentworth Williams, '22, a son of the founder, at a formal ceremony on Saturday afternoon, October 11. The dedicatory address was delivered by Dr. Benjamin L. Miller, professor of Geology.

The inscription on the bronze tablet reads: "EDUCATOR—GEOLOGIST—ENGINEER—AUTHOR—EDWARD HIGGINSON WILLIAMS, JR., FOUNDER OF TAU BETA PI, A. D. 1885 AT LEHIGH UNIVERSITY. ERECTED BY THE MEMBERS OF TAU BETA PI, A. D. 1930."

Prior to the dedication ceremony, Dr. Williams was the guest of honor at a luncheon attended by the delegates to the convention, national officers and many other members of Tau Beta Pi. The address was given by Robert C. H. Heck, '93, professor of mechanical engineering at Rutgers, and a prominent member of the fraternity, who studied

under Prof. Williams at Lehigh.

The convention was formally opened at a luncheon with an address of welcome by President Richards, who greeted the members of the fraternity on their return to the home of Tau Beta Pi after an absence of many years.

Several business sessions were held during the course of the convention. Among the things accomplished was the approval of a chapter at Drexel Institute in Philadelphia. It was decided to hold the national convention in 1932 at Washington, but the invitation of Alpha Chapter of Oklahoma for 1931 was not acted upon. The convention was concluded with a banquet at the Hotel Bethlehem, with addresses by Robert C. Matthews, secretary-treasurer; Percy W. Ott, president-elect; Henry H. Higbie, retiring vice-president, and C. H. Spencer, of the Washington alumni chapter. Morton Sultzer, '12, was scheduled to talk on the Lehigh chapter, but was obliged to leave early because of business.

In the dedicatory address, Prof. Miller said in part:

"This is an auspicious event in the history of Tau Beta Pi as we assemble here to do honor to its beloved founder, Professor Edward Higginson Williams, Jr. For many of the thousands of Tau Beta Pi members there has been no opportunity to personally meet and learn to know the man in whose mind this organization was conceived, so that we are especially gratified today to have with us representatives from all of the 56 chapters, but we are even more delighted to have Professor Williams himself in our midst. To him we extend felicitations and we want him to know the deep sense of gratitude which all Tau Beta Pi men feel for his work in the establishment of this society."

In the photograph above, Professor Williams is standing in the center of a group of devoted friends and fraternity brothers, including a number of alumni.

Dr. Stewardson, Former Chaplain, Bequeaths \$100,000 to Endow Chair of Philosophy

LANGDON C. STEWARDSON, Chaplain and Professor of Philosophy at Lehigh from 1898 to 1903, died in London on Sept. 6, 1930. He will be remembered with respect and affection by students of that period. That this affection was mutual is evidenced in Dr. Stewardson's action of bequeathing most of his estate, estimated at \$100,000, to Lehigh University to establish the Clara Stewardson Professorship of Philosophy.

The following memorial of Dr. Stewardson was written by his friend, Charles J. Goodwin, Professor of Greek at Lehigh:

Dr. Stewardson was born in Marietta, Georgia, November 10, 1850. He graduated from Kenyon College in 1873, and from the Episcopal Theological School in Philadelphia in 1877. Later he was for three years at various German universities. Ordained priest in 1879, he was successively Rector of two churches in Webster and Worcester, Massachusetts, until 1889, when he was called to the Chaplaincy and Professorship of Philosophy at Lehigh. In 1903 he became President of Hohart College, a position which he held for ten successful years, during which the college made notable progress, and the associated William Smith College for Women was founded and opened. In 1913 he felt himself obliged to retire on account of the ill-health of his wife, to whom he devoted himself thereafter with loving care until her death in London in 1927. After his retirement they lived much abroad, though for a few years they maintained a home in Greenwich, Connecticut.

Dr. Stewardson was twice married, his first wife dying only three months after the wedding-day. In 1881 he married Clara Hunter Smith, of New York City, a lady of rare culture and personality, who for forty-six years was spared to be a congenial and sympathetic companion and a devoted helper in all his life and work, so far as her health would permit.

Dr. Stewardson came to Lehigh with an exceptional equipment of scholarly training and practical pastoral experience. In the classroom, in chapel, and in personal association he soon won the hearts of the students as well as of those outside the University who came to know him. In those days, besides the daily brief morning prayer, regular Sunday services were held at the Chapel, with Dr. Wolle as organist and a large choir. As the vigor and interest of Dr. Stewardson's preaching became known, the attendance at the University Chapel rapidly increased, and he was soon preaching to large congregations. His sermons were not of the theological type, nor were they mere literary essays; the dominant note was that of an intense passion for rightness of life, and an equally intense hatred of wrong, cant, sham, hypocrisy, and dishonesty. He did not hesitate to denounce what he regarded as evil with all the uncompromising vehemence of a Hebrew prophet.

With all his talents, success, and popularity, and in spite of a certain exuberance of disposition, he was modest



Dr. Langdon C. Stewardson

and unassuming, asserting himself only in defence of the privileges of his office, or of what he regarded as right and duty. Then he could be extremely vigorous. He was generous in the highest degree, and none who sought counsel or help went from him lacking what he could give. In him the students had always a ready advocate, if there was anything to be said in their behalf.

The personality and character of Dr. Stewardson will never be forgotten by those who were privileged to know him. It was, indeed, one of the rare privileges of life to enjoy his friendship, liberally as that was given, or even to know him slightly. Frank, hearty, manly, he had a spirit overflowing with affection and geniality. He and his cultured and brilliant wife were distinct and valued additions to Bethlehem society. And yet it was for the students that he had been called to Lehigh; and to them his heart went out most of all. When he had retired from active life, he was wont to look back upon the Lehigh days as the happiest of his career; and he and his wife together planned to leave some memorial of themselves, which should at the same time be of service to future generations of students. And so, being without children to provide for, they determined to leave the most of their estate, estimated at above \$100,000, to the University to establish "The Stewardson Professorship of Philosophy," a title which, after her death, was altered by him to "The Clara Stewardson Professorship of Philosophy." A few sentences from his letter to President Richards, written soon after her death, will illustrate his feelings:

When I am gone and announcement is made of this bequest, I ask that it may be publicly known that the selection of Lehigh as the place for my wife's memorial was wholly due to the beautiful relations which existed between the Students of Lehigh and my wife and myself. During the whole five years of our chaplaincy, for I associate my wife with myself in this pleasant office, there was never a flaw in these relations, and the memory of them is held dear by us to the end. I should like my old Lehigh Boys to know this.

There are many still surviving, however, who will feel that they shared with the students in hardly less degree this affection, who received from him en-

couragement and help when it was needed, and who will always revere his memory. He was for only too short a time one of the finest members of the notable Faculty of strong men that Lehigh possessed in the old days. These friends will be glad that a permanent memorial of him and of his wife is to be established—for his self-effacing action in naming it for her will surely not oblige his own memory. A portrait of him, given by himself, hangs upon the walls of the Faculty Room in the Alumni Memorial Building; but a portrait can hardly convey, it can only recall, the strong, noble, beautiful personality of Langdon Cheves Stewardson.

Prof. Fogg Opens Consulting Office in New York

Ralph Fogg, director of the Department of Civil Engineering for the past eleven years, has recently established quarters at 11 Park Place, New York City, where he will carry on a private consulting engineering practice. Outside the teaching field Professor Fogg has engaged in a number of important engineering projects and investigations which have given him a wealth of practical experience. During the late war he was resident engineer on the construction of the \$10,000,000 Squantum Destroyer Plant of the Bethlehem Shipbuilding Corporation. He has also been connected with investigational work on the Philadelphia-Camden, Mt. Hope and Detroit River Bridges.

Professor Fogg is very active in engineering circles, being at present chairman of the Committee on Airports of the American Engineering Council; also a member of the important Committee on Foundations of the American Society of Civil Engineers. He is a past president of the Lehigh Valley Section of the American Society of Civil Engineers. Before coming to Lehigh Mr. Fogg was in the employ of American Bridge Co.

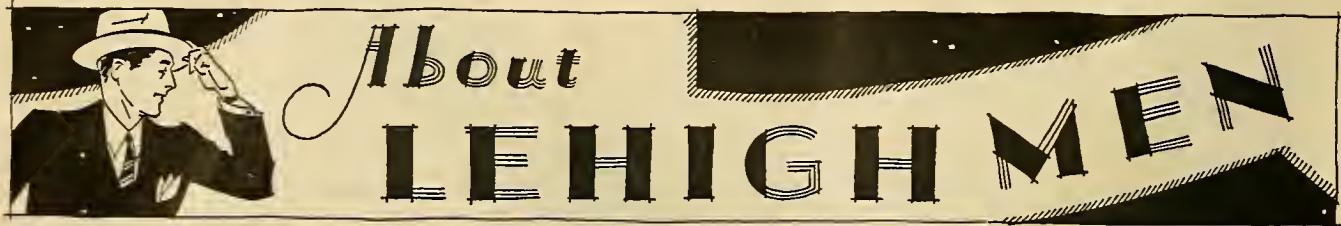
Cross-Country Team Breaking Even

With a team including several men who are experiencing their first season of cross-country, Coach Morris Kanally's hill and dale runners have had an even break in their two meets to date.

For the first meet of the season they travelled to Baltimore where they defeated Johns-Hopkins, 24 to 31. Hopkins usually has some good distance runners so this victory for the Brown and White made a good start.

In the other meet to date they were nosed out by Manhattan in New York City by a single point, the score being 27 to 28, which is as close as a score in this sport can be.

Opp. L.U.		
Oct. 25—Johns-Hopkins*	31	24
Nov. 1—Manhattan*	27	28
Nov. 8—Rutgers	...	...
Nov. 15—Lafayette*	...	...
Nov. 19—F. & M.	...	...
Nov. 24—Intercollegiates in New York		
*Away.		



Death Claims Two of Oldest Graduates

J. S. Polhemus, '72

JAMES SUYDAM POLHEMUS, whose death took place at his residence, 695 East Couch Street, Portland, Oregon, on the morning of September 29th, was born at Astoria, N. Y., on March 26, 1852. He was the fifth to bear the same name, born in direct succession in the United States, the family having originally come from Holland. His father was engaged in the shipping and commission business in New York. Mr. Polhemus' boyhood was spent very largely on the waters of the East River and Long Island Sound and his interests naturally followed along marine lines. After the usual school education, Mr. Polhemus attended Lehigh University, graduating in Civil Engineering in 1872, being a classmate of Dr. Drinker. As a young man, Mr. Polhemus was somewhat delicate and at the end of his junior year at the University, in June 1870, his father sent him on a trip around the world, sailing from New York in one of the old style Pacific Mail steamers of that time, and proceeding by way of the Mediterranean and Suez Canal to China. His account of the voyage made in those early days was most interesting, as he was a close observer and possessed of a most retentive memory. On his arrival in China, after stopping in Japan, he was advised of his father's death, so he returned directly to New York by way of San Francisco. Shortly after his arrival in New York, he was employed on the Albany waterworks. He re-entered Lehigh in the class of '72, and after graduating he became connected with river and harbor work under the Corps of Engineers, U. S. A. His first duty was at Galveston, Texas, later at New Orleans, and his work consisted principally in surveying the many bays and bayous adjoining the Gulf in Texas and Louisiana. The conditions under which he carried out his work were most strenuous, for everything in that section was very primitive in those days when you found yourself away from the cities or regular settlements. After three years in the Gulf region, Mr. Polhemus

was transferred to the U. S. Government Lake Survey, which was then making the first hydrographic survey of the Great Lakes. He was more particularly connected with the computing section of the Astronomical Division, which was determining the precise latitude and longitude of the various stations. Leaving the Lake Survey in 1877, he was assigned to the Wheeler Survey, then doing exploration work in California. He returned to Galveston in 1878, where he remained until 1880, when he was transferred to Portland, Oregon.

After his arrival in Oregon, he was intimately connected with many river and harbor improvement works, more especially at Yaquina and Coos Bay, where he initiated and carried on the work on the jetties at the entrances to these harbors. He was a pioneer in this class of work, as the jetties at Yaquina Bay were the first of the kind on the coast.

Mr. Polhemus retired from active work on March 25, 1924, after a long and honorable record of 52 years of continuous government service.

The *Oregon Journal*, in an editorial, paid the following tribute:

James S. Polhemus carried in his brain a chart of rivers and their needs. The tracery of a long life will be found in what he did to extend the facilities for commerce in America and particularly in Oregon. . . . The jetties at the mouth of the Columbia river, which withstand the battering of the sea and hold in its place what has become one of the best harbor entrances in the world, were largely the result of his plan and supervision. . . . A century hence, the structures of James S. Polhemus will still be the public's necessity and his monument.

His opinion and judgment were highly valued by all. No single individual possessed a greater knowledge or fund of information regarding the entire western coast. His information was not confined to engineering matters, and he could discuss almost any subject. He was a great reader and kept himself fully abreast of the world's progress along every line of effort.



J. S. Polhemus

*At the left,
when he was
graduated from
Lehigh*



*At the right.
at the time
of his death*

Shortly after his arrival in Oregon he was married to Mary Clark Daly, daughter of the late W. A. Daly. Mrs. Polhemus died nine years ago. A son, James H. Polhemus, now manager of The Port of Portland, and a daughter, Henriette, survive their father.

Mr. Polhemus suffered from heart trouble several years ago, and a return of this trouble caused his death after about a week's severe illness.

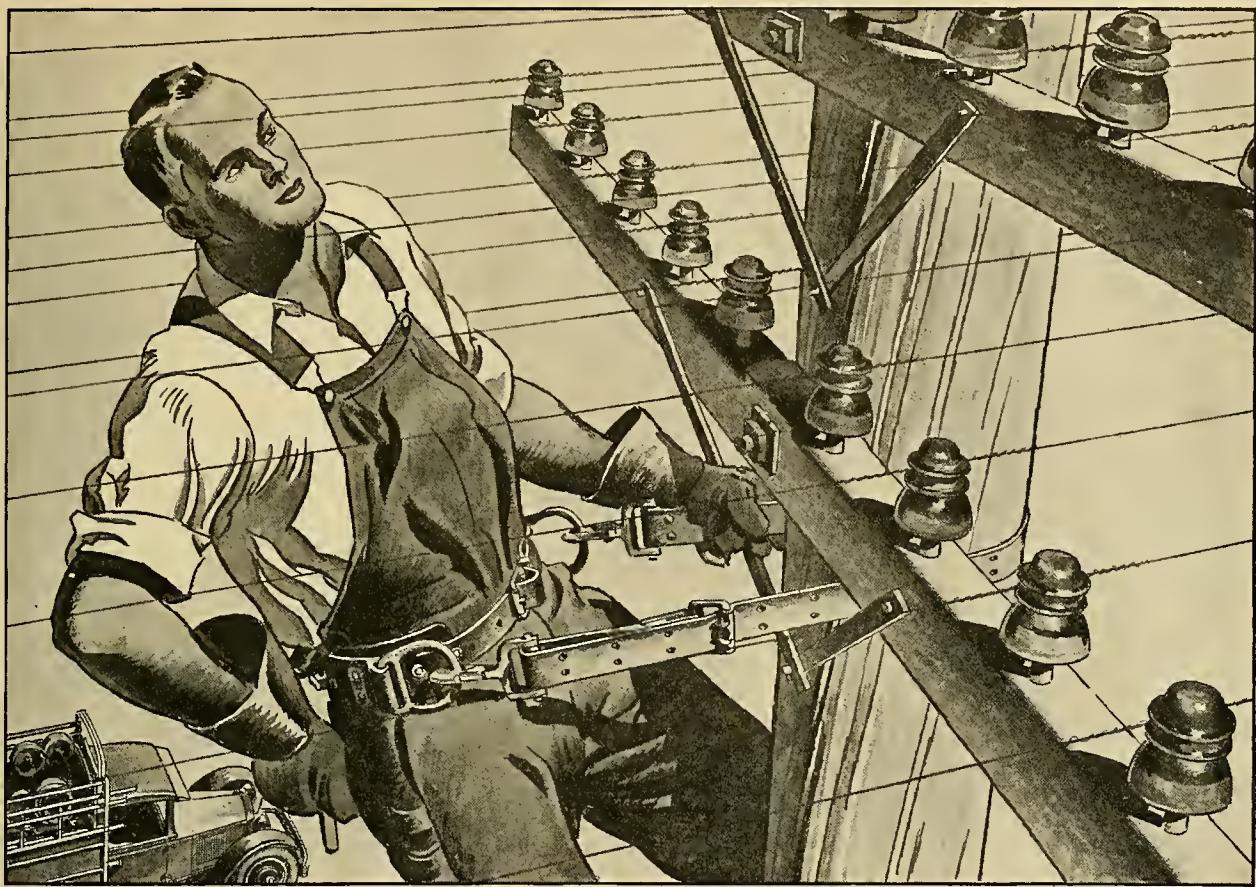
Personally, Mr. Polhemus was a most lovable character, even tempered and kindly. News of his passing will be heard with the greatest regret up and down the entire western coast, for it is safe to say that no one possessed more friends in all walks of life. He was loved as an esteemed friend by the older alumni who knew him, and his death, and that of William D. Hartshorne of '74, has given our alumni cause to lament the lessening in the number of the senior members of our body.

W. D. Hartshorne, '74

William Davis Hartshorne was born Jan. 18, 1853, at Sandy Springs, Montgomery County, Md.; he died Sept. 13, 1930, at Swampscott, Mass., after a long illness. He was married at Cambridge, Mass., Oct. 25, 1877, to Eliza J. Cutler. He was a son of Isaac Hartshorne and Anna Elizabeth Stabler.

He attended Haverford College, 1867 to 1869; Lehigh University, 1871 to 1874, graduating in '74 with the degree of C.E. He was the first recipient of the Wilbur Scholarship. Studied chemistry of dyeing at the Massachusetts Institute of Technology in the autumn of 1879. Served as alumnus trustee of Lehigh University, 1881-83. While at Lehigh he acted as Secretary of President Coppée, 1873-74. He served on the Engineering Corps of Musconetcong Tunnel, 1874 to 1875, under Henry S. Drinker, and later as Engineer on the Lehigh Valley and the Easton and Amboy Railroads, 1875 and 1876. He held the position of Teacher of Mathematics and Natural Philosophy at the Howland (Girls) School, Union Springs, N. Y., 1876-1878. Served as Assistant Engineer in charge of part-gauging Mississippi River under Major Benyard and Hiero B. Herr, in 1879. Served as Chemist at the Arlington Mills, Lawrence, Mass., and as Superintendent of the Worsted Department; as Agent of the Arlington Mills, 1879 to 1913; and as Consulting Engineer textile mill conditions from 1913. He was the author of numerous articles relating to the textile arts.

Mr. Hartshorne was a very able man and of charming personality. He stood high at college and he was considered an authority in his life work in the worsted mills of Massachusetts. As a Lehigh alumnus, he was reckoned as one of our distinguished men, and his death is greatly regretted by the many friends who admired and esteemed him.



The continent that became a neighborhood

An Advertisement of the American Telephone and Telegraph Company

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Over her telephone, a housewife in a Wisconsin town inquires about a dress pattern from a friend who lives nearby. Over his telephone, a business man in Philadelphia talks to another in Denver. Over her telephone, a mother in Kansas asks her son at college fifty miles away if he will come home for the week-end. Over his telephone, a cabinet member in Washington gives instructions to an assistant in Seattle. Regardless of distance and the complexity of modern living, they talk directly and immediately with any one, anywhere, at any time they choose.

The function of the Bell Telephone System is the vital one of making it possible to maintain

social and business contacts in cities that contain many times more people than this nation once boasted . . . in a neighborhood which the Census reports to hold 127 million people.

Year after year from its beginning, the Bell System has increased its facilities, its personnel and its usefulness. Looking ahead and planning for the future, it has forwarded the growth of this nation by meeting its communication needs fully and economically. Today it overcomes the hindrances of distance and time . . . and unifies a civilization geared to the habit of instantaneous communication.

Because it serves all who call on it, by enriching their lives and helping to make their enterprises more successful, the telephone plays an increasingly useful part in the every-day activities of the American people.



OBITUARY

J. M. Jackson, '96

James Madison Jackson, former railway construction engineer and one of the leading lumber dealers of West Virginia, died on September 24 at his residence in Parkersburg, West Virginia, following an extended illness. Mr. Jackson had been actively engaged in business for 37 years until his retirement about a year ago. Surviving Mr. Jackson are his widow and two sisters.

BIRTHS

Class of 1919

To Mr. and Mrs. Gilbert E. Doan, a son, Gilbert E., Jr., on September 14.

Class of 1921

To Mr. and Mrs. John H. Alden, a daughter, Melissa, on August 30.

Class of 1922

To Mr. Thomas F. Confer, a son, Thomas F., Jr., on July 21.

Class of 1925

To Mr. and Mrs. R. S. Taylor, Jr., a daughter, Jane, on September 23.

Class of 1926

To Mr. and Mrs. Robert B. Wickes, a daughter, Meredith, on September 27.

Class of 1927

To Mr. and Mrs. Dudley A. Hoover, a son, George Franklin, on September 29.

Class of 1929

To Mr. and Mrs. Carroll Persbacher, a son, on September 17.

MARRIAGES

Class of 1920

William H. Schlasman to Miss Alice E. Sheetz, daughter of Mr. and Mrs. George C. Sheetz, of Reading, Pa., on October 14, in Reading. After the 15th of November, Mr. and Mrs. Schlasman will be at home at 393 Rutland Ave., West Englewood, N. J.

Class of 1921

James G. Dougherty to Miss Lillian P. Duffy, of Montclair, N. J., on September 23. Mr. and Mrs. Dougherty are now in Europe on their honeymoon. F. S. Cornell, '23; J. A. Boyd, '24, and George Childs, '21, were among the ushers.

Class of 1922

Michael Fresoli to Miss Helen Bilka, daughter of Stephen Bilka, of Summit Hill, near Lansford, Pa., on October 2, in Bethlehem. Mrs. Fresoli is a graduate of the Sacred Heart Hospital School of Nurses, Allentown, in the class of 1927.

Class of 1923

Arthur C. Cusick to Miss Kathryn C. Doyle, daughter of Mrs. Hannah Doyle, of Bethlehem, on October 14, in Bethlehem.

hem. Mr. and Mrs. Cusick will reside at 654 Highland Ave., Bethlehem.

R. S. Rhoads to Miss Margaret Bullett on July 21 at Richmond, Va.

Joseph C. Groff to Miss Anita Littlejohn, daughter of Mr. and Mrs. R. P. Littlejohn, of Walton, N. Y., on September 23, in that place. Mr. and Mrs. Groff are residing at 111 North Fourth St., Allentown. Mrs. Groff is a graduate of Syracuse University, class of 1926, and for the past four years taught art in the schools of Mohawk, N. Y.

Jr., '30, attended Gerwig. Mrs. Gerwig is a graduate of West Virginia University.

Class of 1930

Robert A. Baker to Miss Sara E. Reber, on October 1, in the Lehigh University chapel. Rev. D. W. Gateson was the officiating clergyman.

PERSONALS

Class of 1878

H. F. J. Porter, secretary of the National Museum of Engineering and Industry, testified before a subcommittee of the United States Senate's Committee on Education and Labor on May 27, 1930, presenting the present status of the great undertaking with which he is affiliated. The improvements now being made in Washington require the demolition of the Arts and Industry Building of the National Museum, thus depriving the nation of its only National Industrial Museum. Senator Copeland, therefore, presented an appeal calling for the creation of a commission to investigate the feasibility of establishing a suitable National Museum of Engineering and Industry, suitable sites in the District of Columbia for the location of such a Museum, and the feasibility of cooperation between such a museum and various state and city museums. The introduction of this bill focused the attention of the federal government on the project that Mr. Porter has been deeply interested in for a number of years and there is now reason to believe that an adequate building will be provided in Washington for an industrial museum comparable in scope to those of other countries, notably Germany. Lehigh men may take pride in the fact that through all the years of the development of this project, the "prime mover" behind the movement has been one of our own number.

Class of 1889

C. W. Hudson, Correspondent
15 Park Row, New York City

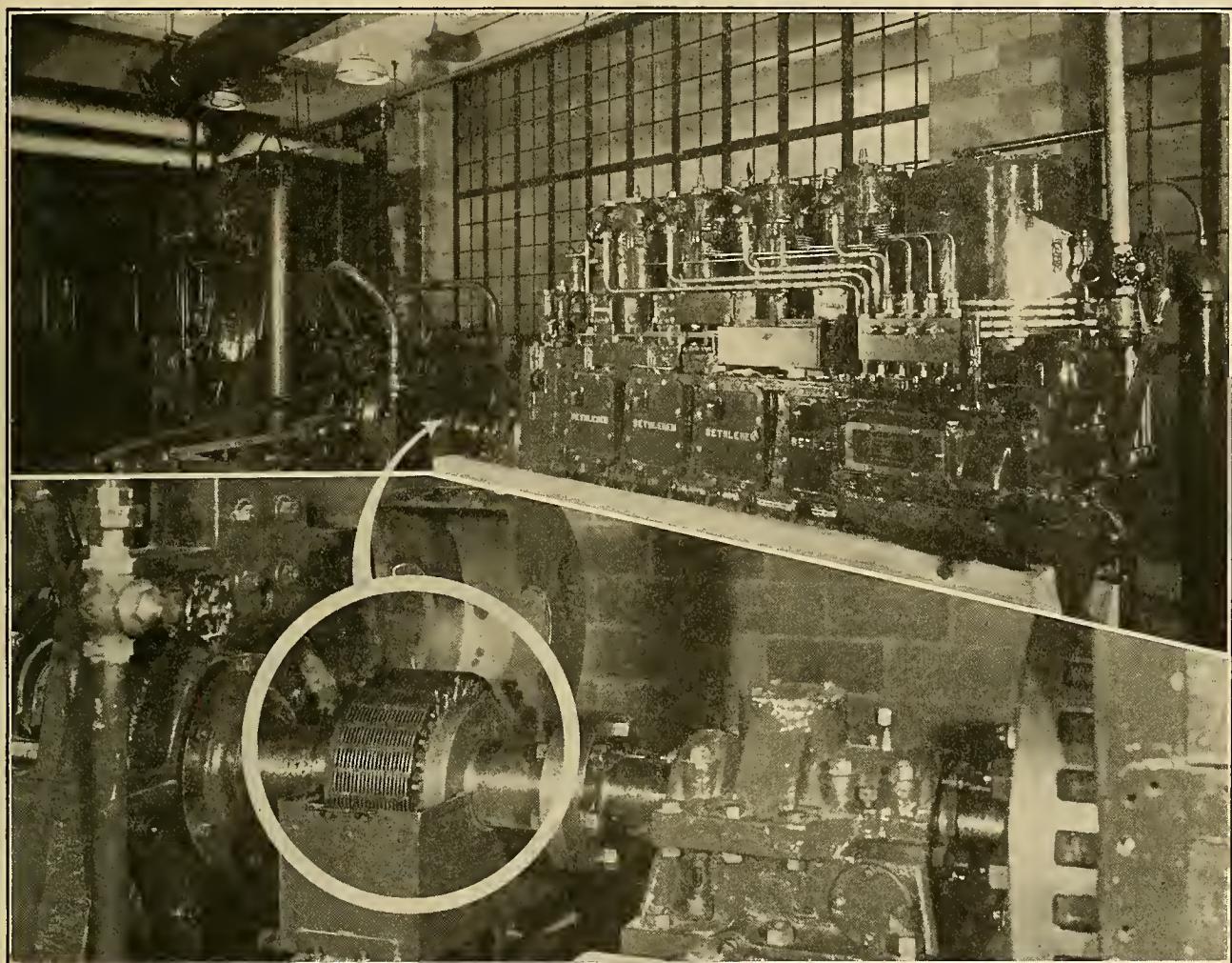
William Butterworth, who was scheduled to give an address on "What the General Manufacturing Industries Expect of the Technical Schools," at the conference following the dedication of the Packard Laboratory, was confined to bed, due to illness. Mr. Butterworth is slowly responding to treatment and we all hope that he'll be fully recovered shortly.

Class of 1891

Wolton Forstall, Correspondent
Broad and Arch Sts., Philadelphia, Pa.

The line for the Fortieth Reunion is beginning to form on the right. Coxe, Lefevre, Paine, Patterson, Quier and Vander Horst are sitting up and taking notice and the bank clearings of Philadelphia are being augmented by checks from the country districts. It looks as if the mysterious costume card, with its blanks for measurements, will prove very alluring and that all of us youngsters are anticipating with pleasure the opportunity of donning gay plumage next June.

Some time ago we all received from the Alumni office a thought-provoking



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record of gifts to the Lehigh Fund. While it is true that some names are missing from the first years of that record, because the individuals were still contributing to the Endowment Fund, there is no reason why every Lehigh man should not be a contributor to whatever extent he is able.

I have just received information from R. R. Hillman that his daughter Evelyn was married to Wm. J. Gray, Jr., of Detroit, on June 21, 1930. Besides being a daughter of a '91 man, she is the granddaughter of Dr. Chandler and the great-grand-daughter of Robert H. Sayre. Hillman, in sending me this information and giving her ancestry, writes: "Only don't make any splash about that. I only mention it to show that she is a pretty thorough Lehigh girl." It seems to me, however, that these are quite pertinent facts for Lehigh men.

Class of 1894

*Aubrey Weymouth, Correspondent
101 Park Ave., New York City*

Thomas W. Wilson, '94, formerly President of the Delaware Power and Light Company, has been made President of the Wilmington Gas Company, Wilmington, Delaware. Both the above companies have been involved in a merger for the last few months and speculation was felt in Wilmington as to the outcome. "The election of Mr. Wilson as the President of both companies meets with the complete satisfaction of everyone in Wilmington," says the leading editorial in the *Delaware Ledger* of September 12, 1930.

Class of 1896

*W. S. Ayars, Correspondent
410 Engineering Building
Broadway at 117th St., New York City*

Some people have greatness thrust upon them. That is how the honor of being Class Representative came upon the present scribe. It was no sought-after post, I can assure you; like old Ben Franklin, I long ago resolved never to seek any public office, but unlike Ben, I have resolved never to resign from one, once it has been obtained. Not one item of news has filtered past the censorship since I last concocted a few lines for this column, with a solitary exception, and that exception, I very much regret to state, is a report of another death. On the 4th of October, I received a letter from a Miss Kathryn Evans, formerly private secretary to J. M. Jackson, telling me that he had passed away on the 24th, September last, at Parkersburg, West Virginia.

During the summer I exchanged a few letters with Sammie Dessauer, and had even thought that I might journey as far as Montrose and give Sam a chance to try some of his deservedly famed hospitality upon me, but it so fell out that I did not get away anywhere this summer, and I hope Sam was as much disappointed as I was. The only other '96er I have heard from is Bill Dickerman, who has kindly promised to come up to Columbia shortly and give a talk to some of the earnest seekers taking the course in Industrial Engineering.

In conclusion, let me suggest that each and every one of you drop me a line or two in the near future, or else there won't be any more '96 column.

Class of 1897

*J. H. Pennington, Correspondent
McFarland Foundry & Machine Co.,
Trenton, N. J.*

As this issue of the BULLETIN is somewhat special, due to the dedication of the Packard Lab., I know that the editor needs the space and will confine myself to making this letter short and snappy.

The snappiest thing which we have done lately is to engage the University room, in the Hotel Bethlehem, for our class dinner on Alumni Day, in June, 1932. This is a long way off but I feel more comfortable in not taking the chance of some other class getting it, even if I have to eat that dinner all alone.

Believe it or not, we seem to be growing old enough to be retired. For instance, "Tommy" Clinton was retired from active Army duty on July 1, 1930, and now lives permanently at 2016 Elm Street, Stratford, Connecticut. Now we will surely have "Tommy" with us at the 35th reunion.

Here's another retiree, Barton, who has been with the duPont people so long, has quit visible work, and will spend a good portion of his time laughing at a lot of us who are still grinding away.

H. H. Jones, we hear, is at Point Loma, Cal., P. O. Box 162.

Class of 1899

*Arthur W. Klein, Correspondent
43 Wall St., Bethlehem, Pa.*

Your correspondent had a nice letter recently from "Rain" Horner, in which he describes a recent visit he made to Pittsburgh to attend the Pittsburgh Meeting of the Coal Division of The American Institute of Mining and Metallurgical Engineers. While in Pittsburgh "Rain" called upon Charlie Matheson and had a very pleasant visit with him. At the meeting he met "Cad" Evans, '01; Thomas G. Fear, General Manager of the Consolidation Coal Co.; C. E. Lawall, Professor of Mining Engineering, West Virginia University, and Clagett, '97, manager of a group of mines in the southern part of the state.

C. P. Matheson attended a golf outing recently held by the Pittsburgh Lehigh Club at the Pike Run Country Club. Just what score Charlie turned in, your correspondent has been unable to learn.

A few days ago "Pop" Klein received a card from Paul Hilken, now in Paris. The card contains on one side the name of the restaurant in which Paul was dining—La Tour d'Argent, 15 Quai de la Tournelle, and discloses mine host in the act of carving a duck. On the reverse side Paul remarks: "The duck is good, the Burgundy marvelous—this is the life! There's only one thing missing—Lehigh '99—your good self included. Greetings to all." The restaurant was founded in 1582 and is said to be the oldest in Paris.

A. P. Steckel came on from Youngstown, Ohio, to attend the dedication of the new James Ward Packard Laboratory of Electrical and Mechanical Engineering and the sessions of the Engineering Conference held in connection therewith on October 15-17. While here he met "Speed" Visscher and George Horne, who were also attending the Conference, and spent some time with John

Buckland and Johnny Morgan.

"Speed" Visscher took an active part in the dedication ceremony held in the auditorium of the Packard Laboratory on Wednesday afternoon, October 15. He and Burley, '94, as the architects of the building, sat in the front row on the platform, together with Dr. Richards, Mr. C. M. Schwab, Gene Grace, Mrs. Packard, President Palmer C. Ricketts, of Rensselaer Polytechnic Institute, Dr. Drinker and Professors Larkin and Seyfert, representing the departments of Mechanical and Electrical Engineering, now housed in the building. "Speed," in a brief but eloquent address, handed the keys of the building to Gene Grace, who, as Chairman of the Board of Trustees of Lehigh University, accepted them and handed them to President Richards.

George Horne, "Speed" Visscher and "Pop" Klein attended the formal dinner held Thursday evening, October 16, at the Hotel Bethlehem, at which the delegates from sister institutions, including college presidents, deans and distinguished faculty members and many visiting captains of industry were in attendance. The affair was a brilliant one, both in point of distinction of Lehigh's guests and in the manner in which the details were carried out.

"Pop" Klein and Mrs. Klein were host and hostess at one of the tables at the formal dinner on Thursday evening October 16. At their table sat Dr. Diederichs, of Cornell University; Professor Kenerson, of Brown University; W. F. Kiesel, Jr., M.E., '87, and Mr. and Mrs. G. P. Enke. Enke is an M.E., '05, and has a son in college, who is a sophomore in the curriculum of Industrial Engineering.

Class of 1903

*S. P. Felix, Correspondent
Schaff Bldg., 15th and Race Sts.
Philadelphia, Pa.*

John Cort comes through as usual, but the mail-man messed it up so as to be almost illegible. "J. J." paid Kent and Skillman a visit while on a motor trip through Ohio. Sorry, John, the rest is messed up.

The importance of this column may be judged from the statement of Lou Girdler that its absence last month made him fearful I might be in jail. Lou continues with a real newsy letter, telling of a visit he had with "Pop" Wolcott and the 300-year-old Wolcott family. Lou will have to explain this!!! He also reports Jack Fuller having been operated upon in Little Rock. We are all pleased to know that Jack is progressing favorably.

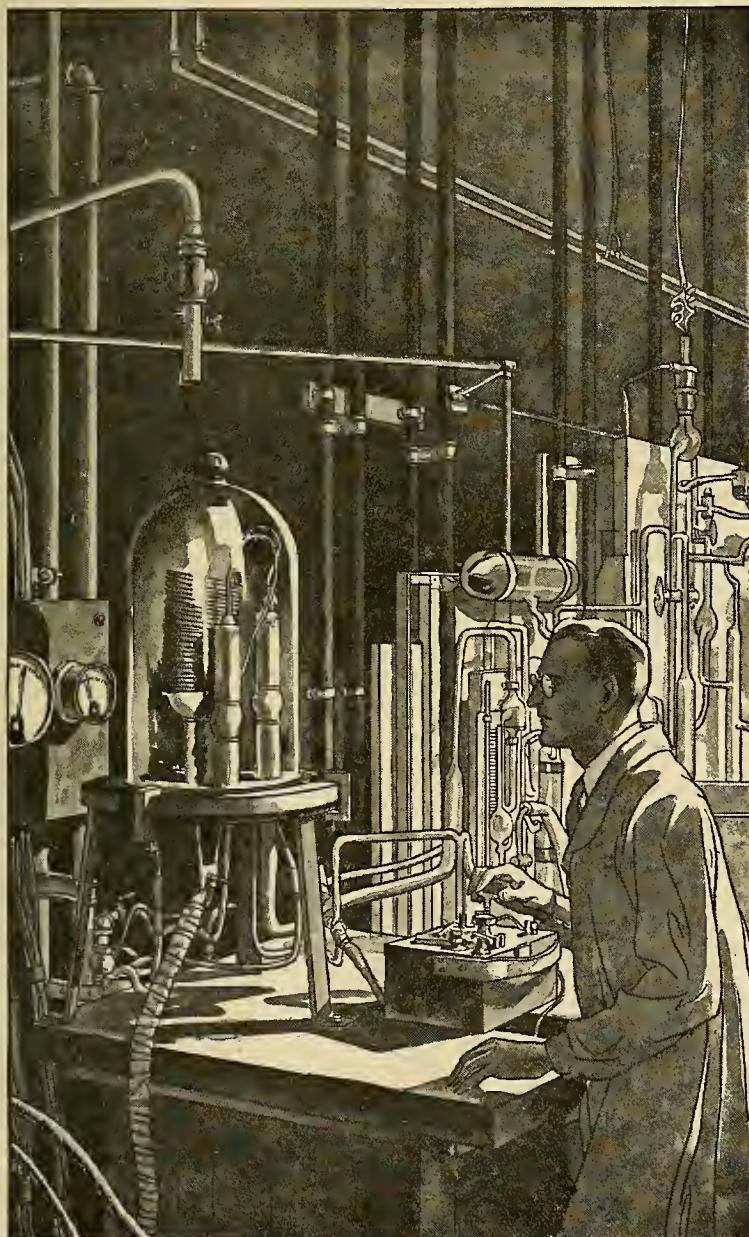
The above was a "left over" from the June issue and we will have to ask Buchanan why it was not inserted in the October issue.

The cards brought a flock of news—perhaps too much for this issue, but it will carry over.

Dyer Smith writes: "Art Frick stopped in on me with his boy. I was glad to see him, even though he wasn't wearing spats. I was only sorry that I couldn't see as much of him as I would have liked. I mean to say, I saw all of him there was, dressed as he was, that is, without any spats, but I only saw him once, because he was flitting around, and never came back again. I took him out to tea! Possibly if I had taken him

TOMORROW'S SCIENTISTS *are in . . .*

Today's College Laboratories



THE close relationship that exists between the laboratories of our great industrial organizations and those of our colleges is not generally recognized. Many students who today are studying theoretical problems will be the scientists who deal with tomorrow's practical problems. The discoveries resulting from research done in our next generation will depend in no small way upon the initial training of the students who are now in college laboratories.

The James Ward Packard Laboratory at Lehigh University is an outstanding example of the modern, well-equipped college laboratory. It is a source of gratification to Westinghouse to have had a prominent part in providing the electrical equipment for this fitting memorial to a great engineer.

Tune in the Westinghouse Salute over the N. B. C. Nation-wide Network every Tuesday Evening

Westinghouse

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out to beer he would have come back. If you come over here, Sam, I won't make that mistake. Art drank his tea very gracefully, the tea shop was about three hundred years old, but the tea was quite modern. I hope to get across in October for a short trip. Best regards to all my friends." Dyer has an article, "An American Lawyer in the Temple," published in the September issue of *The Landmark*.

From Nick Heck—"Had two months' trip to Europe. Attended meeting International Geodetic and Geophysical Union at Stockholm. Also visited countries from London to Munich and Oberammergau and from Sweden to England. Advice is, don't overlook Sweden on trip to Europe and, besides many other things, the Smörgasbord—a combination or *hors d'ouerves* that is beyond imagination of anyone who hasn't met up with it (about 57 varieties). Also note that 'soup,' when asked for in Sweden, brings a large first cousin of Schnappes (this is, of course, a warning). Agree with Henry Ford that the German Museum at Munich is one of the most worth while things in Europe."

Herbert H. Lauer, Chief Engineer of the Atlas Cement Co.—and since its merger with U. S. Steel Corporation—has been transferred to Chicago—address, 222 W. Adams St. George Goodwin forwards this news together with the news of a visit to his home by C. W. Buell. We haven't heard from Buell for a mighty long while! George has an article in a recent issue of *Hardware World*—"From Crucible Bar to Mason's Trowel."

Raymond Hunt paid us a nice home visit recently. It was a hot night and I was in B.V.D.'s—but Ray, as usual, appeared to have just stepped out of a fashion plate.

You will probably question the following news, as I did—but John Hertzler says he received an announcement of the event. Bill Myers is married! A word to Bill—this news arrived when in Bethlehem in June and over a stein of beer, Al Glancy, Emory Miller, Charles Lattig and myself drew up a telegram which would have burned the wires. While I was commissioned to forward it—cold feet developed. The best of good luck to you, Bill!

Pete Reese has written, "Always glad to hear from you even if I can't reply with any news of value. Have been sticking on the job pretty tight but expect to get away for a few days to Bermuda in the next week or so. 1903 looks awfully good to me in the L. U. Alumni Fund—thanks to that grand old end man—Al Glancy."

Skillman, Kent and "Pop" Wolcott and wives were in attendance at the Packard dedication. Glancy was the hit of the program.

Al Glancy writes: "You say you want to hear from some of you 'birds.' Well, it is 'bye-bye' time for this bird and he is climbing up on his roost—laying down the shovel and the hoe—to work no more. You will remember I told you this last June. Pop Klein said I could do more work in a given length of time than most boys—furthermore he said I could do less work in a given length of time than anyone he knew—I am out to prove that he was at least right in the second statement. I remain a Vice-President of General Motors. Expect to

have my office in Bermuda Jan. 1st to Easter."

A hot letter from Lou Girdler about neglecting his last news item. The carry-over for the start of this article is the answer, Lou! Lou writes in part as follows: "What is the use of sending you any news, for I wrote you a long letter last year and you never put in a word of it and as a matter of fact you never mentioned me making you a personal call until several months later, when Pop Wolcott came to the bat and spoke of seeing me in Detroit, which reminded you of the fact that I had come all the way to Philadelphia to personally give you all the news I could gather up so that you could get it in the BULLETIN. Why do you not collect all the information as to grandfathers? Pop Wolcott told me two or three years ago that he was a grandfather and I am wondering how many there are in our class, for after 27 years we should have several of them. The Michigan Lehigh '03 Association consists, as far as I know, of two men, Al Glancy, who is the eastern division at Pontiac, and myself, the western, at Muskegon, and if there are any more here I would be mighty glad to learn of them and get in touch with them."

C. G. Lord sends his congratulations to Nick Heck on the occasion of his Honorary Degree. Lord says, "Nick has enough real stuff in him to make an earthquake."

Class of 1905

*W. H. Lesser, Correspondent
Third and Frack Sts., Frackville, Pa.*

Received a letter from Bob Hodgkin and it shows that he is Assistant Freight Traffic Manager of the Atlantic Coast Line Railroad Company, with offices in Atlanta, Ga.

Bob Boehringer attended a four-day convention of the American Institute of Park Executives in St. Louis, Mo., during the month of October. Bob is superintendent of the Union County Park Commission of Elizabeth, N. J.

Russ Wait recently spent a day with Dean Corsa in White Hall, Illinois. Both enjoyed golf; in fact, Russ played his first game with Dean.

This year's Freshman class at Lehigh contains Harold Wait, a son of Russ. Dean Corsa has entered his oldest child in Stephens College, Columbia, Mo.—he could not send her to Lehigh.

And Johnny Dent came through as usual. He spent part of his vacation in Montreal, where beer is five cents a glass. Officially, he attended a meeting of the Society for the Promotion of Engineering Education. Then he spent some time in Philadelphia at the Westinghouse Works, studying about critical speeds of turbines. Last of all, he fell while playing tennis and broke his arm. He classifies this accident as the clumsiest trick he ever did—stepped on his left toes with his right heel and fell with enough force to break his left arm.

Johnny now says he knows how the one-armed paperhanger feels when he tries to work.

Don't forget the Class Dues. Would you believe it? One of our men just paid \$100.00 as his dues. Seven men up to the present have paid. We would like to put this over big this year.

Class of 1907

*J. B. Carlock Correspondent
Jones & Laughlin Steel Corp.
Pittsburgh, Pa.*

W. L. DeBaufre has moved from East Orange to 398 Hillside Ave., Orange, N. J.

S. E. Doak's mailing address is 135 S. Second Ave., Philadelphia, Pa.

C. H. Gross is located at 256 Broadway, New York City. His home address is 59 Tuxedo Road, Montclair, N. J.

Philip O. MacQueen is Superintendent of the McMillan Park Filtration Plant and resides at 300 McMillan Park Drive, Washington, D. C.

William R. Meyers is Superintendent of Mines for the Cleveland-Cliffs Iron Co., at Ishpeming, Mich. He has charge of the Holmes and Tilden mines at Ishpeming and the Vergil Mines at Iron River, Mich.

John D. Scott is with the Pacific Northwest Public Service Co., 329 Alder St., Portland, Ore. His residence is at 526 Vista St., Portland, Ore.

M. H. Ullman's new address is 1118 State St., Harrisburg, Pa.

W. S. Wilson is located at 113 W. Mulberry St., Baltimore, Md. He is representing the Gerlach-Barklow Co., Joliet, Ill.

Class of 1908

*W. D. Sanderson, Correspondent
174 Lancaster Ave., Buffalo, N. Y.*

John G. Miller has recently been elected Treasurer of the Bucyrus-Erie Company of South Milwaukee, Wis.

W. F. Geiler is with the Pren-Brook Corp., 3611 Fourteenth Ave., Brooklyn, N. Y.

Jonathan Rowland reports the customary rushing business of which we hear so much these days. Arthur Lakey lives near him in Torresdale, Pa., and they manage to get in some tennis together during the summer.

Payments to the Alumni Fund during the past month show nine members of the class came through with the dues, etc., and these same men gave additional gifts of \$46.00 to the University. That gives the rest of the class a chance to show something. Let's make the next report a nifty one.

J. M. Fair and F. T. Nagel represented the class on the trip around Manhattan, given Oct. 11th by the New York Lehigh Club. Other members of the class who live in the metropolitan area but who missed this event are Baer, Balston, Banks, Brennan, Clewell, Day, Dent, Donegan, Geiger, Geiler, Hoppin, Johnson, Johnston, Langstroth, MacFarlane, Mackie, Morsack, Olcott, Perley, Peters, Polhemus, Priestley, Prizer, Reel, Sayre, Stamilman, VanVleck, Warner. Almost enough for a class reunion. Perhaps next time this bunch will get together and put 1908 on the Big Town Lehigh map.

The following are still carried in the "Lost and Not Found" column of the Alumni Association records. If any one knows their addresses or has any news of them, please drop a line to Buck or to Ye Classe Correspondent: E. Beato, P. M. Evans, W. E. Frankenfield, H. K. Hartsuff, H. N. Lloyd, P. L. Semmel.

There you are, classmates, also because I have to manufacture a column

WE ARE happy to be represented in this special issue of the "Lehigh Alumni Bulletin" commemorating the dedication of the James Ward Packard Laboratory of Electrical and Mechanical Engineering.

We consider it an honor that Ajax Flexible Couplings have been selected as part of the equipment for this unique laboratory, feeling that we have been privileged to contribute to engineering education and industrial progress.

Ajax Flexible Coupling Company

WESTFIELD, NEW YORK

without your help (except a wire from Jim Fair, who always helps with good material). Why not come across with some items for the December issue? I'll promise to doll them up in the best literary style (thanks in advance, Buck) and make the 1908 Personals compete with the Sunday morning football scores. Copy must reach me before November 20. *Auf Wiedersehen!*

Class of 1909

*D. M. Petty, Correspondent
1902 Paul Ave., Bethlehem, Pa.*

R. K. Serfass, '32, son of Pete, '09, was recently elected to Tau Beta Pi so it is to be noted that the sons of '09 are off to a good start. May we see many more who will better the old man's record.

John L. Dynan now lives at Round Mountain, Nevada, and is superintendent of Gold Hill Development Co. We hope you turn out a lot of gold, John. Somebody said we needed more gold to have good times.

H. G. Harvey is now with J. G. White Management Corp., but still lives at 319 Lafayette St., Easton. Living in Easton is all right but that's not much of a street. Can't you have the name changed?

Jack Ridgley now lives at 117 E. 36th St., Indianapolis, Ind. Hope you get in for the game this fall, Jack.

B. K. Ahrens is now with Good Year Zeppelin Corp., Akron, Ohio, and lives at 184 Ido Ave. Keep your feet on the ground, Ben.

Sy Stoddard is now living at 115 W. Eagle Road, Oakmont, Upper Darby, Pa., and is still with United Engineers and Constructors, Inc.

It looks like another Lehigh year about Nov. 22, so pack up your duds and come out prepared to have a good time keeping score.

Roy Schealer was on the campus helping to dedicate the Packard Lab. Roy is head of the Electrical Engineering Department at Duke University, Durham, N. C.

Class of 1911

*A. P. Spooner, Correspondent
1811 Sycamore St., Bethlehem, Pa.*

Had a postal from "Capt." C. A. Schwarzwaelder, Q.M.C., from Honolulu. "On my way to the Philippines. Transport stopped at Honolulu for 24 hours. Have quite a Lehigh delegation on board. Major A. L. Sands, General Staff Corps, Capt. F. W. Hyde, infantry, and myself." On the other side of the card a Hula Dancer, nuff sed.

Good old "Texas" Black is making plans for the June Reunion. Are you? "Texas" wants to furnish the pep for the Pittsburgh bunch. "Texas" recently lost his tonsils and says he hopes he won't find them.

"Jim" W. Tremlett has at last been located at 3226 Park Boulevard, Oakland, Calif.

Oliver H. Smith is with the Consolidated Gas Co. of N. Y., 4 Irving Place, New York City, and lives on Pleasant Ridge Rd., Harrison, N. Y.

"Lewie" W. Smith is still keeping the Pennsylvania Railroad in operation. He lives at 1305 19th Ave., Altoona, Pa.

"Al" Priestly can be reached at Hege-man-Harris Co., 360 Madison Ave., New

York City.

H. D. Kennedy's new address is P. O. Box 329, Uniontown, Pa.

Saw "Hughie" G. Spillsbury and he wanted to know who besides himself would be back for the Reunion in June. How about it?

Class of 1913

*W. K. Smith, Correspondent
Care of Frank Kiernan & Co.,
41 Maiden Lane, New York City*

Maybe though I better not take this job. The pay is flattering and the future great but what's money to me—try me with a dime these days.

I do have a few notes of importance as spot news.

S. C. Du Tot, formerly known as Baldy, is now vice-president of the Stroudsburg Chemical Works.

Ben Cole has recently been made a member of the New York Sanitary Commission.

T. H. Cooke is now general manager of Thompson Starret & Co.

H. R. Griffen has been elected to Congress from the 19th New York Congressional District.

Leslie Matthews has been made vice-president of the American Smelting & Refining Co., with headquarters at 120 Broadway.

A. T. Ward is selling some remarkable new screen (not for flies but for sifting rocks and things). Anybody that needs screens of this kind can give Artie a hand.

God knows what's happened to Count Derby de Jenkins.

The same can be said of Pat O'Brien, who used to be pretty terrible with a transit when we were building a railroad around Old South Mountain.

E. S. Dewey is now in Germany as Director of the Metalligraphischafabrikwerke located at Auheim, Prussia.

Robert T. Dynan has recently resigned as Class Correspondent to become special assistant to Mr. Charles M. Schwab.

Stanley R. Keith addressed the New York Delta Upsilon Club recently on "Metallurgy." Keith is vice-president and general manager of the Inert Metal Products, Inc.

Class of 1914

*J. O. Leibig, Correspondent
324 N. 15th St., Allentown, Pa.*

As you all know by this time, we are sending a list of the class from member to member in alphabetical order. Up to now we have heard from Ash, Aungst, Baird and Browne. Backes has the list, so let's have a word from you, old man.

Another man who has long been inactive has joined our ranks in the form of W. G. Bell, Jr., 64 Oakwood Ave., Westview, Pittsburgh, Pa.

The following letter is Don Baird's letter after receiving the list of the class mentioned above:

Dear John:

Although I did not wish to hold up the procession I most certainly did so, and the list has just left me today. It really was not my fault. I have had some surgical attention and also I have been very much on the go through the Eastern States. I regret exceedingly that I have held up the works and I hope that no one else will follow my example.

Apparently you want some information

about me. Well, here goes. As you know, after leaving Lehigh I went to Haverford College, took Bachelor's and Master's Degrees, taught English there while working for a Ph.D. at Pennsylvania. "Then came the war," and I dropped everything to join the First City Troop of Philadelphia. After serving in France I worked in a shipyard two weeks, with the Reading Railroad five months as a Traveling Statistician. Then I became Editor of the Penn Publishing Company and finally landed in the W. B. Saunders Medical Publishing Company as an Educational Expert, where I am now and where, please God, I shall remain. My clubs are the University Club of Philadelphia, the Orpheus Club of Philadelphia, and the Psi Upsilon Club of New York. If any church wishes to claim me, the Episcopal Church has most of the voting stock. My age is 38 and in politics I am a Mugwump. I am married and have two daughters, age 13 and 8. These last items are of paramount importance.

Right now I wish to have incorporated in the records that you and the other boys on the local Committee certainly gave us a wonderful Fifteenth Reunion. I don't know when I have had a better time.

The letter now goes forward and I wish you all success with it. With kindest regards, I remain

Sincerely yours,
DONALD G. BAIRD.

W. F. McConnor is now at 1506 Barley Ave., McKeesport, Pa.

We have a new address for R. W. Gilroy, 4633 Aldrich Ave., S. Minneapolis, Minn.

According to our records now, Cameron is in for himself as Cameron Coal Co., 1500 Chestnut St., Philadelphia, Pa.

How about sending us a little bit now and then?

So long.

Class of 1915

*Carl Siebecker, Correspondent
720 Clay Ave., Scranton, Pa.*

A. H. Schuyler is now with the Mutual Benefit Life Insurance Co., at 205 E. 42nd St., New York City.

C. R. Uhl lives at 1104 Childs Ave., Drexel Hill, Pa.

W. Kennedy, Jr., is with the W. Kennedy Construction Co., 215 Montague St., Brooklyn, N. Y.

C. M. Sieger when last reported was with the Dominion National Gas Co., at Hamilton, Ont.

Hank Jay is now Major Henry D. Jay and is living at 321-C Pope Ave., Fort Leavenworth, Kan.

Class of 1916

*E. J. Clement, Correspondent
162 Bellmore St., Floral Park, N. Y.*

Jim Shields has moved from the Brevort Hotel to 49 E. 34th St., New York City.

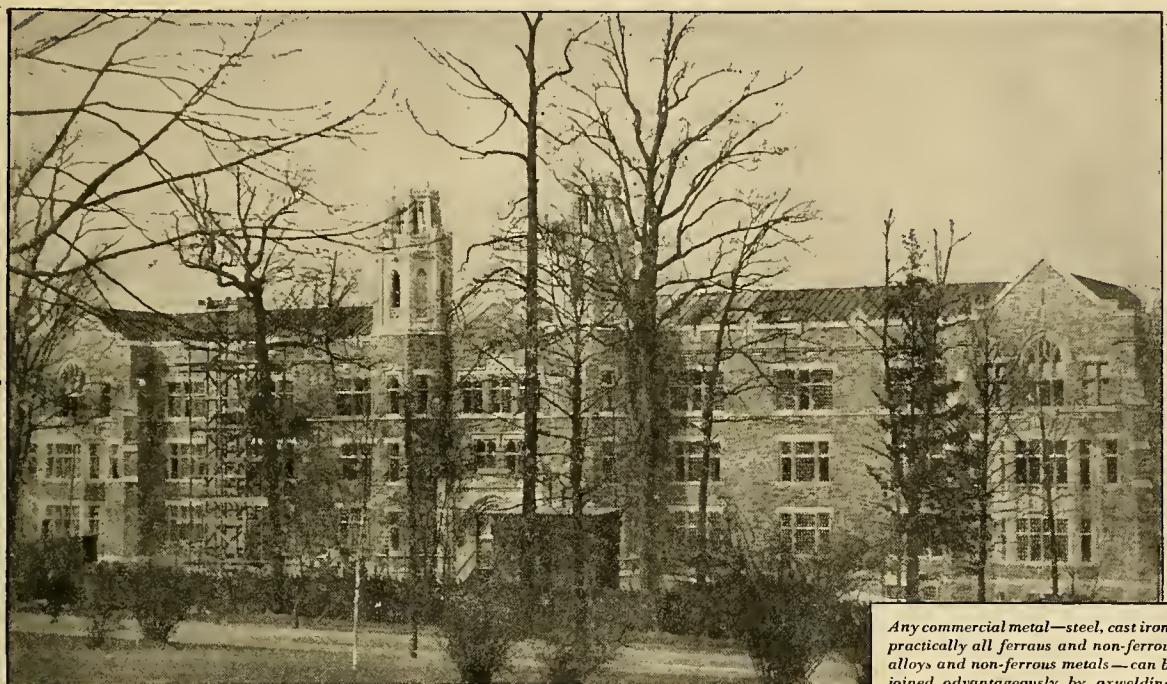
Ward Perry lives out in Nutley, N. J., his address being 62 Elm Street.

Tommy Thomas' new address is 2452 Greenleaf, North Town Sta., Chicago, Ill.

Russ Taylor is still located in Richmond, Va., but the street and number is now 3522 Moss Side Ave.

Rip Borden has set up his residence in the Far West. He is associated with the Standard Oil Co. of California, 225 Bush St., San Francisco, Cal., being his mail address.

Among the strayed and lost from the fold are Grumby Grumbach, Tommy Leoser, Freddy Ryder and Cliff Shaw. Send out the blood hounds or the St. Bernards.



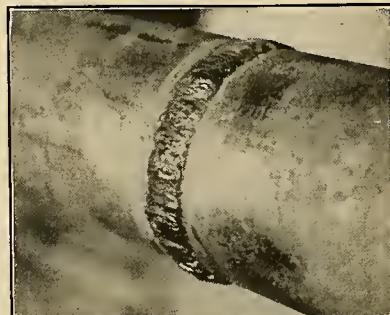
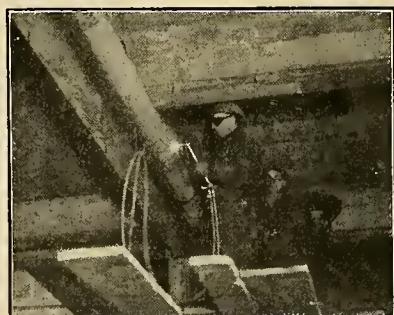
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Class of 1917

*Kyle S. Crichton, Correspondent
Scribner's Magazine, 597 5th Ave.,
New York City*

I'm a little disappointed. Didn't expect any news so soon, but I did expect an irate telegram in response to one crack I made—that one about "don't be afraid to write, nobody will remember you, anyhow." I expected somebody to wire, "Who are you; I can't seem to recall you."

From notes Buck sends me, I learn that Knock-em Breen is living in Waldwick, N. J. Whether this means he has left Paterson or Waldwick is within commuting distance, I don't know. The only time I was ever in Jersey, I got lost in the Hackensack Meadows and it took six days for the dog teams to find me.

Kingsley took me to lunch at the Harvard Club. I said, "I can remember you the first day you ever came to Lehigh; you were wearing—" "Yes," he said, "a mackinaw. Can't anybody ever forget that mackinaw." Kingsley didn't try to sell me any stocks or bonds and he told me Rappoport was down from Allentown lately, looking like a super-abundant Paul Whiteman.

Bill Herman is still in Bethlehem, selling furniture and drinking pop and getting fat.

Zibby Merwarth is an important doctor in Brooklyn, but I haven't seen him. You know how provincial us New Yorkers are.

Slim Rau is back in Philadelphia after various adventures about the world. Slim took in Albuquerque, El Paso, Juarez, Miami, over a period of ten years and seems no worse off. His health is much improved.

I also saw Harold Lehr in the Pennsylvania Station a long time ago. He is in Philadelphia and is selling something for somebody. If I could find the card he gave me, I'd tell you. Anyhow, it's Philadelphia. But I'm not sure it's selling; engineering, probably.

Freddy Portz looked disgustingly prosperous last time I saw him. He's in New York with A. T. & T. and lives in Joisey.

Buck also sends a card about one A. A. Tate, '17. Well, to be frank, I just don't believe it. Austy is a great guy and on my death bed I will have ringing in my ears those majestic lacrosse goal-tending words of his: "Get 'em outa here!" but I don't think he is '17 at heart and don't see why he should be. Just because a guy is a bit loose in his fractions and is tardy in graduating, is no reason why he should be carried over against his will. Technically, yes; but for the purpose of these class notes, no. And, heaven knows, '16 needs somebody. And one word to Mr. Tate while we're on him—no more of those 13-12 games. Either we win 40-0 or we lose 40-0. Another of those 13-12 things and I join the Albright alumni where I can have a little peace.

Doc Edwards is in New York. I'll give you the dope on him next month.

Walter Gilmore is still, I believe, in the Navy. You address him care of some boat, care of the N. Y. Postmaster. Full details later. Nobody who has any eye for the dramatic will ever forget Gilmore's speech at the college meeting when he knocked out the old way of



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selecting the Arcadia. Great times, those, me hearties.

John Clark is living at 2220 Chestnut St., Harrisburg.

Harry Dayton is still in the army, being first lieutenant in the Fifth Field Artillery at Fort Bragg, N. C.

John Schwoyer, the pride of Kutztown, is a patent examiner with the government. Office address, U. S. Patent Office, Washington, Residence, 2921 Olive St., N.W., same wet city.

H. E. McDowell is with the Electric Bond & Share Co., in New York.

R. L. Ridgway is with the Limitorque Corporation, manufacturers of valve control mechanisms, Williamstown, Mass.

Class of 1919

*J. W. Gardiner, Jr., Correspondent
% John T. Lewis & Bros. Co.,
910 Widener Bldg., Philadelphia, Pa.*

The list of 1919 subscribers to the Alumni Fund, including payments of regular dues, is growing. The list so far includes the following: F. C. Q. Adams, L. A. Baumann, J. W. Gardiner, Jr., G. H. Gildersleeve, C. T. Hunt, B. P. Lauder, Robert Rosenbaum, W. D. Schrader, H. deW. Smith, G. E. Weber.

Edward M. Mulford, whose last known address was 11th Ave. and 46th St., % D. Auerbach & Sons, New York City, is now among the missing. If any of you know of his whereabouts, kindly so inform the writer.

William D. Schrader is now shift foreman, Inspiration Consolidated Copper Co., Leaching Plant, Globe, Arizona. We presume he is very busy at the present time as most of us are very often the busiest when there is the least business.

Any 1919 men who go to Toronto and want to be shown the ropes, should not fail to look up Bob Wilbur, who is located with the Ontario Wind Engine and Pump Co., Ltd.

Class of 1920

*M. B. Tate, Jr., Correspondent
1521 Chestnut St., Philadelphia, Pa.*

As you all know from my many communications and announcements, we had a fine party at our Ten-Year Reunion in June. Our greatest problem now is to keep alive the organization of and the interest in the class. Every five years we have a reunion, and those of us who try to organize it attempt to reach all of you. There is a natural inclination on the part of all of us to hibernate between reunions, and I hope that this will not be the case from now on. Our Alma Mater is at work every day and her life blood depends on us and all the rest of the Alumni body.

You will all be interested to know that the sum of \$104 has already been contributed to the Alumni Fund for this new year of 1930-31 from ten of the members of the class. This is a good start and I hope that we will be able to keep up our share. Of course, any of the class who may be still contributing to the general endowment are not necessarily expected to contribute to the Alumni Fund, but most of us are gradually getting the endowment cleared up and then I earnestly hope that we will be able to go forward with the good work of the Alumni Fund, which has been so generally successful at Lehigh.



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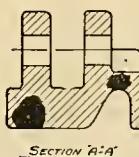
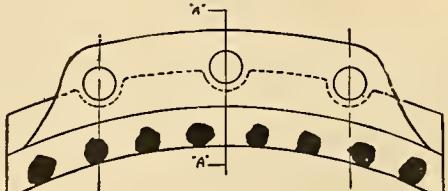
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GEORGE C. HUTCHINSON, '94, District Representative, Farmers Bank Bldg.,
Pittsburgh, Pennsylvania

William A. France gives his present address as 112 S. Center St., Philipsburg, Pa.

Randolph O. Lewis tells us that his address is Apt. No. 1, 2201 Fifteenth St., N.W., Washington, D. C.

J. A. Reinhardt has moved from 146 E. Melrose St., Valley Stream, N. Y., to 90 E. Maple St., Valley Stream, N. Y.

Hobart A. Farber is the assistant county superintendent of the Lehigh County schools and he may be reached by sending his mail to Allentown, R. D. No. 5, Pa.

James M. Straub now has his office at 53 Conestoga Building, 7 Wood Street, Pittsburgh, Pa.

Henry L. Long has moved to 34 Bon Air Ave., Waterbury, Conn., from 144 Grove St., Waterbury, Conn. Shorty is president of Keeler & Long, Inc., and his business address is P. O. Box 675, Waterbury, Conn.

William H. Hunton, who is with the Aluminum Company of America at Fairfield, Conn., is now residing at 319 Lake Ave., Bridgeport, Conn.

Alfred W. Glaser may be reached at 1518 Walnut St., Philadelphia, Pa.

G. G. Goodell gives his address as 2907 Mt. Holly St., Baltimore, Md.

J. H. Mersfelder is living at 208 Teaneck Road, Ridgefield Park, N. J.

Milo W. Summers took part in our Class Reunion and told us that he wanted to be officially listed with the Class of 1920 instead of with the Class of 1922, and he has been enrolled on our list. His address is Box 28, Dott, Mercer County, W. Va.

J. J. Mieldazis, who probably has seen more of the world than any other member of our class, now bears the title of "Rockefeller Foundation Sanitary Engineer with Mysore Government," and his address is India Kanyan House, Palace Road, Bangalore, South India. We hope he is not having any trouble with Mr. Ghandi.

Victor de Wysocki is with the Niagara Falls Fire Office at 422 Third St., Niagara Falls, N. Y., and is living at 8654 Hennepin Ave., same city.

W. J. Brisbin is living at 7920 Neumyer St., Swissvale, Pa.

Lawrence H. Harwi is with Liebenfrost, Evans & Lea, 20 Pine St., New York City.

H. J. Rau has moved from 222 Washington Ave., Bethlehem, Pa., to 1342 Chelsea Ave., Bethlehem, Pa.

L. M. Smoyer is president of Brey & Krause Mfg. Company at Allentown, Pa., and mail should be addressed to him at 1640 Union St., Allentown.

H. DeW. Smith is at 171 Madison Ave., New York City, as an Associate of the Textile Institute. We note that he not only now has the degree of Chemical Engineer, but also of Doctor of Philosophy.

W. H. Schlasman is now living at 392 Rutland Ave., West Englewood, N. J., and is at the present time in the Theatre Engineering Department of the Electrical Research Products, Inc. Bill reports that he is on the verge of matrimony. Miss Alice Scheetz is the lady's name.

If any of you have any knowledge of any of the boys, please let me know.

W. J. Quillin seems to be lost. He was with the Easton Photo-Play Company,

Music Hall, Easton, Md., and we have a later address from Bethel, Delaware, but we are not sure that this is right.

Class of 1921

*A. T. Wilson, Correspondent
1118 W. Market St., Bethlehem, Pa.*

I have seen quite a few of our class at the football games so far this Fall, but I feel sure that there must have been more present than just the ones I saw. Please give me a phone call at 781, or at 475 after the game and let me know you are here.

I was fortunate enough to see the Hopkins game in Baltimore and we were pretty well represented. Harry Yeide, who has been in Allentown with the P. P. & L., is now in Washington, D. C., with the Potomac Electric Co., as underground distribution engineer (that would be a good title for another profession or occupation) and is living at 3737 Jocelyn St., N.W. Harry was at the game and we had quite a talk. Another irrepressible was none other than John J. Shipherd, but from hearsay only, as I could not find him between the halves. I was in Washington Friday night before the game or I would undoubtedly have seen others at the dinner for the team given by the Baltimore Club.

Johnny Heistand is now living at 3423 E. Colfax Avenue B, Denver.

W. J. Judson has moved to 109 Brown Ave., Kingwood, W. Va.

This man Leech certainly does cover the ground, although I must say he keeps us advised, which is more than some others do. Bill is now at the Hotel Washington, Chambersburg, Pa.

C. H. Wright has crashed through with a definite address at last, and it is % Algoma District Power Co., 527 Queen St., E., Sault Ste. Marie, Ontario, Can.

Ralph Uihlein is at 2009 Cumberland Blvd., Whitefish Bay, Wis. I sure would like to hear from you. Ralph, if for no other reason than that we worked at the same desk in Quantitative Analysis.

George Childs, who has been very consistently sending in news, sends this: Jim Dougherty married Miss Lillian Poole Duffy, of Montclair, on Sept. 23, a reception at the Montclair Country Club following. The newlyweds sailed immediately for Europe. The following Lehigh men were among the ushers: Shep Cornell, Bill Reilly, Jim Boyd and George himself. Thanks very much, George. George is still with the National City Co., Wall St., and is living at the Hotel Mansfield, 12 W. 44th St. Ray Childs, his brother, has moved to 210 W. 108th St., New York. You may recall the note in the May, 1930, BULLETIN announcing the engagement of Jim to Miss Duffy. Hurray for short engagements.

Tom Graff has left Chicago for Greenville, Pa., and is with the Bessemer & Lake Erie R. R.

I find here an additional note about Judson. He is with the B. & O. R. R., 1303 B. & O. Bldg., Baltimore, Md. Residence as above.

Ben Eisenberg, who was lost for a while, lives at 2522 Keyworth Ave., Baltimore, and works for the Central Car Supply Co., 1301 E. Lexington St.

Walt Siebecker, of the Super-Service Co., has moved to 205 Wall St., Bethlehem.

Brad Willard is in the same class with George Childs for keeping us well sup-

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ALAN C. DODSON, '00

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plied with dope. I have two letters from him, one of which should have been in last month's BULLETIN. He states that, due to excellent training under Benny Miller, he has been adjudged suitable material for an appointment as Associate Geologist with the Penna. Topographic and Geologic Survey, Harrisburg, and he is living at 2308 Chestnut St., Harrisburg. Brad apologizes for not being present at the June Alumni banquet, due to the distance to Rhode Island. That is perfectly O.K., as no one can be expected to travel any such distance for anything other than a reunion.

Brad has been designated official representative of the Survey for the Packard Laboratory Dedication, and I am looking forward to seeing him at that time.

I find a note here for one John H. Neumeyer, Jr., '22. For Red Strauch's benefit he is with the Penn Mutual Life Ins. Co., Phila., Pa., 200 Northampton National Bank Bldg., Easton, Pa. Residence, 1551 Hays Terrace.

Here is real stuff. Pop Shipherd is now sales agent, the D. L. & W. Coal Co. 15th and Locust Sts., Phila., Pa., Lewis Bldg. Another break for oil burner salesmen.

This is a name I cannot recall. R. E. Pent. 305 Wyncote Road, Jenkintown, Pa. Please write to me, Pent, and give me the dope.

C. H. Wright, reported above, is employed by the Harze Engineering Co., 20 N. Wacker Drive, Chicago, Ill.

Class of 1924

*Rev. Gordon T. Jones, Correspondent
447 Belmont Avenue, Haledon, N. J.*

The Rev. Walter C. Klein, B.A., S.T.B., M.A., Ph.D., S.S.J.E., is now on the staff of clergy at the Church of St. Mary the Virgin in New York City. Mail addressed to the clergyhouse, 46th St., between 6th and 7th Aves., will reach him.

We are informed that from Nov. 12 to 23 Walt will hold a preaching mission at Grace Church, Chillicothe, Missouri. His fame has gone beyond the city limits.

Times may be bad but some of the "nineteen twenty-foursters" have come across in spite of the depression. Sixteen of the classmates have crashed through with a total of \$171.00 from Sept. 8 to Oct. 6. That is gratifying to the authorities and a challenge to the other members of the class. One member of the class said he was waiting for his ship to come in. Well, it might turn out to be a hardship.

J. Albert Bugbee has moved from his former address in Trenton to S Kensington Ave., same city. Trenton seems to have a grip on Bugbee.

From the time he was a mere youngster Murray Metten liked to be promoted. Now he has become promotion manager of "Every Evening" in Wilmington, Del. Boy, how he can promote, too!

J. B. Dietz used to live in Le Cama Court Apts., but not any more. He is now to be found snugly ensconced at 8 Rannymede Ave., Lansdowne, Pa.

It surely is a far call from New Jersey to California but F. L. Hendrickson, formerly of Woodbury, N. J., heard the call and is now to be found at 337 W. Alexandria Ave., Los Angeles, Cal. He is associated with D. J. Hendrickson.

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JOHN G. FLECK, '90
Vice-Pres. and Gen. Mgr.
G. B. LA PISH, '19
Pur. Agent Reading Branch

R. A. "Dick" Hawkins, one of "The Up-Homers," cannot overcome his love for the coal regions. If you don't believe that, call on him at Hotel Lawler, Olyphant, Pa., and you will hear plenty.

Here's a classmate I'm glad to write about. Charles F. Hiller is his name. Boy, how I would go to Hiller to get help on a difficult French translation just before going into "Daddy" Fox's class. Now we find him enrolled as a graduate student in Romance Languages at Harvard. Here is luck to you and thanks, old top.

E. H. Hewson has changed his address from 221 Central Ave., Madison, N. J., to 55 Green Village Rd., same city.

A lot of classmates are changing addresses and we wonder why. Your guess is as good as others. I think it was Franklin who said, "It's cheaper to move than to pay rent."

Who will inform us as to the whereabouts of J. W. Hopkins? No, we have no search warrant out for him. We simply want him to receive his copy of the BULLETIN which was returned from his old address at 420 Locust Street, Wrightsville, Pa.

W. J. "Bill" Long is now the New England sales manager for Cyclops Steel Co., which company's address is 35 Hermon St., Worcester, Mass. You can't say that Bill sleeps on the job because his residence is 23 Wawecus Road, Worcester, Mass.

"Tom" Maxwell is with United Electric Light and Power Co., 4 Irving Place, New York City. When you write to Tom give him our regards. His residence is in Woodside unless we are mistaken.

Among those that are lost is J. M. "Mitch" Tuggey. Come out of hiding and give us the dope on yourself, will you?

Through the mail we received information as to why Curtiss Airplane and Motor Co. has picked up so noticeably of late. The reason is that James M. Rice is now the executive engineer for that concern. His residence is 90 Poplar St., Garden City, L. I.

A new group of politicians will move into the capitol buildings at Harrisburg at the beginning of the year, so F. D. Snyder moved from Charleston to Harrisburg in order to be on hand to meet all comers. His address is 1316 Walnut Street.

Hurry up, fellows, and send me some newsy articles about yourself and other members of the class. Thanks.

Class of 1926

*J. W. Maxwell, Correspondent
Lehigh University, Bethlehem, Pa.*

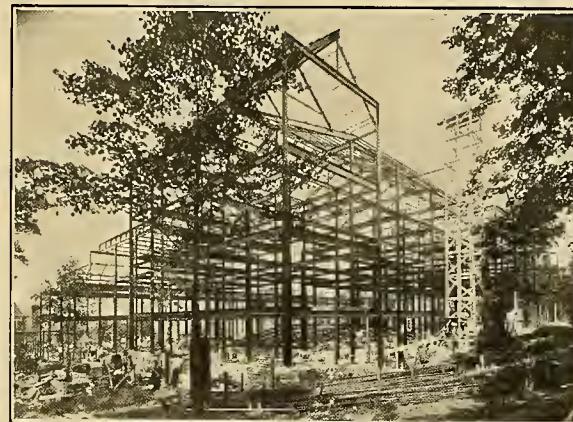
At the time of this writing the Lafayette game promises to be a great fuss. So get back if you can; it is down the river this year.

Probably you haven't begun to think about Christmas cards at this early date. When you do get around to it, there is a member of our class who would appreciate any business you can swing his way. He is Ross Broome, whose home is now in Quakertown, Pa. Ross has been unable to work for the past few years; in fact he was able to leave his home for the first time in many months in October. He has a very bad case of arthritis, a disease of the joints. He endeavors to help support himself by the sale of all kinds of greeting cards, spe-

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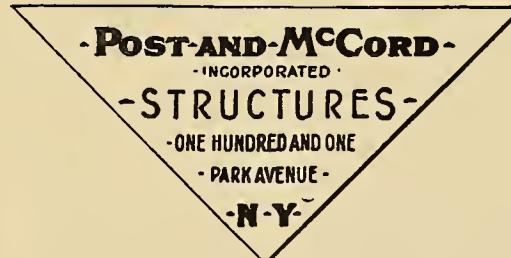
AGENTS

BALTIMORE, MD.
DETROIT, MICH.

HARTFORD, CONN.
WILMINGTON, DEL.

HAZLETON, PA.
WASHINGTON, D. C.

R. P. Hutchinson, Pres., '04	A. C. Dodson, Director, '00	G. M. Overfield, '14
R. S. Taylor, 2nd V. Pres., '95	J. A. Frick, Director, '03	S. B. Hutchinson, '25
W. A. Wilbur, Direc., '20 Hon.	John Traeger, '03	B. Overfield, '30



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Asst. Supt. of Erection

cializing in a very fine assortment of Christmas cards. His address is 225 Hellertown Ave., but just Quakertown will reach him. This item was written unknown to him, so it is not a plea for help on his part.

Fred Beck wrote in several weeks ago saying that he is now located at 8904 Hoyes Ave., Jackson Heights, L. I. He says he has the wanderlust again but no immediate prospects of departing for one of the proverbial four corners.

We expected a comeback from Jimmy LeVan. Last month it was announced in this column that he was working for his M.S. at M. I. T. That was all wet; he is at fair Harvard.

Another man heard from. Tommy Robinson, our erstwhile editor of *Ye Burr*, is still on the faculty list of the Trenton High School. He is living in

Morrisville, Pa., just across the river from the New Jersey capital. He is also working for an M.A. at Penn, has an heir, Tom, Jr., and is married, of course.

Frank Kear is an associate physicist in the research division of the aeronautics branch of the U. S. Department of Commerce and is located in Washington.

The underworld activities became too hot for L. M. Dutt out in Chicago so he fled to the sedate city of Philadelphia where he is in the duPont plant on Gray's Ferry Road.

Dunc Cheel sent in a card from Havana thinking to make the writer and the '26 men in this land of prohibition (?) thirsty. He says there is a bar on every corner. Of course he has only seen them from the outside so cannot give any "inside" dope on them. Believe it or not! He says, "Yaah gudt."

Bob Wickes, who was with us for a couple of years, is a prosperous attorney with offices at 2225 Union Trust Bldg., Detroit. He and Mrs. Wickes welcomed a baby daughter, Meredith, on Sept. 27.

Jerry Winternmute has been down in Washington for some time doing experimental aircraft radio work with the Bureau of Standards along with Frank Kear. He finds it a hit far from New York; whatever that may mean.

Class of 1928

C. O. Carlson, Correspondent
131 Craig Hall, U. of P., Philadelphia

Stationery of a Ridgewood, New Jersey, real estate firm is emblazoned by the name of Ralph Ellis. From Lehigh to Letter Heads, although Ralph avers that Bergen County property has not made him a millionaire as yet.

Judging from his newsy letter, Gardner Simes has been trying since graduation to get out of the dark as far as his father's lighting and fixture business is concerned. When he does see the light there'll be rejoicing at 26 Prospect Place, Brooklyn.

Several weeks ago a lady friend of his mentioned to me that Marvin Werly is now employed by the Bethlehem Steel Company, at Bethlehem. Marvin confirms this with emphasis on the Combustion Department, where he "am sure working." Also added that his cousin, Ed Werly, ex-'28, graduated with the Class of 1930 and is now in the Industrial Gas Sales Department of the Pennsylvania Power and Light Company.

Excerpts from "Zeb" Hopkins' communication certainly portrays his activities:

"Received my commission as Second Lieutenant in the U. S. Marine Corps on Sept. 5, 1929. Spent all last winter at the Marine Barracks at the Philadelphia Navy Yard, attending the Basic School for junior marine officers.

"Received forty days leave after the school. Spent most of it around home, during which time I joined the bennetts.

"Miss Mary Alyee Dutten, of Felton, Delaware, became Mrs. Zebulon C. Hopkins on July 29 of this year. After a short honeymoon we left for Hampton Roads, Va., where I took the flight elimination course for the naval aviation training.

"We are now very nicely located in Pensacola, Florida, where I am taking the course for Student Naval Aviators.

"At the present time I get my mail c/o N. A. S., Pensacola, Florida. Would be glad to hear from any of the '28 gang."

Russell Byrnes, '30, West Montgomery Avenue, Ardmore, is with the Cherry Burrell Corporation of Philadelphia. While he failed to mention his position, he emphatically implied that there will be one less bachelor in the near future.

Jack Kelley gave me a pleasant surprise by coming around to 131 Craig Hall, University of Pennsylvania, the other evening. Yes, I'm back at school, this time in the Wharton Graduate School. But, to return to Jack. Along with "Bill" Heilman, Walter Buck and Nat Emery, Jr., he is completing his third and final year of work in the Law School.

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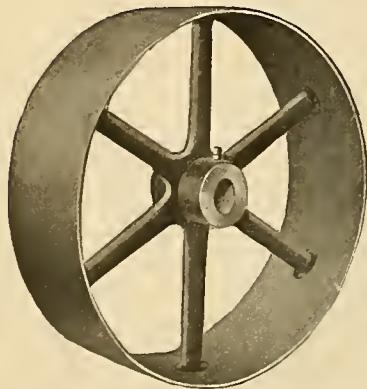
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Louis B. Bond, '26, Mgr.

Charles R. Stauffer, '28

Donald Werntz, '27

Rumor has it that Jack Kosminsky was recently married. Likewise, Jack Betterly. Everybody'll appreciate details—also how do you get the necessary jack for such happy ventures?

Ping-pong keeps Clarence Herwitz in trim for settling bonds for the investment house of A. G. Becker, New York City. Another S. A. M. to be seen on the floor of the Exchange is Henry Kramer, who is down there "distributing bonds".

Frank Deichler, 221 State Road, Upper Darby, is working for the Pennsylvania Railroad. Thus some Lehigh civil engineering training has been inoculated into the "new subway and city station east of the Schuylkill River."

Benjamin Lichty Snavely, whose grades are said to have been about the highest ever attained at Lehigh, has returned to Princeton University to complete his matriculation for his Ph.D. degree in physics. Shall appreciate your address, Ben.

Gilbert Miller sailed in September for Vienna, Austria, where he will resume his studies in the University of Vienna.

"Bill" Musser and "Dan" Miller are with the New Jersey Bell Telephone Company, the former being apprenticed to the Perth Amboy office, while the latter is in the main personnel. "Bill" lives at 61 South Munn Avenue, East Orange, while "Dan" stays in the neighboring town, at 71 Midland Avenue, Montclair.

Prior to my departure for Philadelphia, I got the news that "Al" Smith has been accepted as a member of the

Pratt Institute Evening School faculty. I understand that he is teaching several mechanical engineering courses three evenings a week.

At the Lafayette game, see you there.

Class of 1929

*J. M. Blackmar, Correspondent
31 N. 22nd St., E. Orange, N. J.*

There's more space than there is space this issue, so I'll try to give you discriminating readers the most interesting (generally) and the most timely tidbits.

Proving that a good Lehigh man is a mighty good man anywhere is Tom Brennan—just recently elected president of the second year legal class at Fordham. Doubtless you all recall T. B.'s remarkable diversity of activity: well, despite working all day as a receiving teller, then rushing to night classes (always rushing), eating and sleeping only at the convenience of his activities, Tom found or took time enough to do all the clerical work and arranging attendant to organizing a Lehigh Luncheon, a pet idea of his by which to enable downtown Brown and White business men to come together every now and then at noonday just to "bull." The initial luncheon was held Oct. 2, at the Helen Hotchkiss Tea Room, 21 Ann St., from 12 to 1:30, and an enthusiastic group of 26 turned out. Bob Hertzler advises me that besides Tom and himself, others from our class included: Dave Miraria, of Halsey Stuart and Co.; Alex. Clarke, of Equitable Life Assurance Co.; Mun Waring, of Chase Securities Corp.; Ray Roper, of the N. Y. Tel. Co.; George Scott, of E. A. Pierce

and Co., and Steve Toth, of the Bankers' Trust Co. May I suggest that any one caring to have his name placed on the mailing list, so inform Brennan at 193 Joralemon St., Brooklyn.

Have three letters which I am pleased to acknowledge. Ted Benton, who with Ed Midlam is spending another year in Bethlehem to earn a master's degree, informs me that Jack Reid has switched from Stone and Webster to the P. & R. Coal and Iron Co., and is at present interested in coal mine construction. Ralph Derrico is one of 37 who passed everything at Hahneman Medical College last year, and he is continuing his course at the Philadelphia school. Ralph Ward is reported as still being a bachelor and as being employed in some department store in Scranton.

Bob Sax, in a very sportsmanlike manner, requested that since I told all about his golf, I should divulge the name of his conqueror, none other than Joe McHugh. Joe's margin was one stroke. Bob also mentioned meeting Lou Fimian at Newark Airport; seems Lou does everything from cranking motors to ushering passengers to seats and punching tickets for the Luddington Air Service. Sax concluded his welcome word as follows: "Sam Garwood is a dyed-in-the-wool married man now, living at the Green Manor Apartments in Germantown." Bob was an usher at the wedding last May.

Ray Roper supplied what I was unable to transmit in my last class letter about Al Russell's wedding. Miss Della Fox, of Forest Hills, N. Y., was his bride on June 22, in the Church of Gardens, Forest Hills. Three A. X. P.

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hrothers attended the groom: Roper as best man, Walt Wilson and Butch McDevitt as ushers. Russell is an advertising salesman with Edgar C. Ruwe Co.

Bill Adams learned back at school from Ed Lawrence that Bud Coates has been married some time. His wife is the former Miss Vashta Gisriel, of Baltimore, sister of a fellow Sigma Nu, Cal Gisriel, '27. Eddie is associated with a glass factory in Salem, N. J.

The occasion on which I saw Roper was notable. Kirkpatrick and Brennan suggested that a couple of us get the jump on the New York theatre-goers and see Joe Cook in "Fine and Dandy" in Newark. Others heard about the plans, and, like Topsy, our party just grew. With less than a week's notice, on Sept. 18 a dozen '29-ers dined together at the Newark A. C. (thanks to Mex Muntrick) and afterwards attended the musical comedy *en masse*. Besides Kirk, Tommy, Max and myself, in the group were Roper, Skip Morrison, Dewey Trantum, Bill Adams, Harry Hesse, Jim Schaeffer, Bob Ellis and Gus Sickles.

Hoping to see some of the fellows, I went on the boat ride sponsored by the N. Y. Alumni Club on Oct. 11. From '29 there were only Larry Ackerman, who is starting his second year at Columbia Law School, Quent Wright and Ad Schiff. King Paget, Ed Small and Bob Hoag represented '30. Wright is out of the newspaper business and is working in New York City for the Equitable Mortgage and Title Guarantee Co. He tells me Herm Lehrer is attending the University of Vienna Medical College. Schiff is working for Newburger, Henderson and Loeb downtown and is living uptown.

I have talked over the 'phone with Paul Moser, who severed connections with the Fisk Tire Co., in Atlanta, Ga., and came north to locate in Newark. He is in the actuarial department of the Prudential Insurance Co.

Fellows like Harry Hesse are a blessing to Correspondents. Besides having a home address, business address, and an occupation (ordinary news, but news, nevertheless), he is doing things in the public eye. Last winter it was basketball; all spring and summer it has been baseball. He has pitched, and pitched good ball, for the Montclair A. C., which tied with the Penn A. C. for the championship of the eastern athletic clubs' circuit. Harry was assigned mound duty in all the league games and has a good percentage.

A timely letter from Jake Jacobi came today—with surprising contents. Two Lambda Chis have followed Bro. Cal Kider's example and become bachelors. Baird Lewis was married Oct. 3, to Miss Margaret Brooks, of Wilkes-Barre, in Wilkes-Barre. It was a noon church affair, and Moe Hess and Jake served as ushers. The following day Ward Faust had Fred Trafford marry him in the Packer Memorial Chapel. We're interested to know the particulars, Wardie. Jake expects to get his M.A. from N. Y. U. this winter and is also working for a Ph.D. His brother matriculated at Lehigh this year.

It was unusually thoughtful of Dick Kennedy to have had sent to your correspondent an announcement of his marriage to Miss Georgine Umbenhen, the daughter of Mr. and Mrs. John H. Umbenhen, of Pottsville, Pa., on Oct. 15, in Pottsville.

Class of 1930

F. J. Whitney, Correspondent
Met. Dept., Lehigh University,
Bethlehem, Pa.

Even though we are the youngest of Alumni members, many men have not been able to resist the temptation of visiting the old town. It is true many of them are drawn by that powerful looking football machine we have this year. Among those who have returned for one thing or another are Don Wright, Phil Tucker, Ken Deichler, Connie McLaughlin, Bob Lentz, Hugh Castles, Stan Phelps, Henry Younken, Ray Stocker, Mac Calla, Lyle Jones, Ben Steinert, Steve Kuntz, Harry Singer, Bob Baker, and many others whom I have probably not seen.

Bob Baker was married by Rev. Gateson in Packer Memorial Church on the morning of October 1, and he looks quite prosperous. He tells me that he is going out in the field for a short time. He has been working in the laboratories of the Public Service Co. of New Jersey. Bob, we extend our heartiest congratulations to you and your wife.

King Paget is now living at 66 West 10th St., New York City, with two other fellows, one is from Penn and the other from the University of Vermont. King expects to leave for the Orient sometime in December.

John Waterman is attending the Harvard Graduate School of Business and is a roommate of Bob Herbruck's. They are living at Morris Hall, E. 33, Boston, Mass.

Dallas Burger is with the Department of Commerce in Washington, D. C.

Every month we hear of men moving farther and farther away from Bethlehem. Now we have Carl Woll down in Dallas, Texas, where he is attending the Evangelical Theological College.

David Henlin is living at 53 W. Tremont Avenue, New York City, while he attends the Columbia University Law School.

Speaking of attending school, we hear that Jim Heilman is studying very hard down in Washington, D. C. He is attending the George Washington University night school. He is now smoking cigars—oh, no! he doesn't buy them. You know it is very hard to refuse cigars from such politicians as Hoover, Curtis, Longworth and Morrow. Next thing we will hear will be that he will be a "lobbyist."

Walt Wills is trying his best to teach the non-electricals a little about A.C. but they refuse to learn for some reason or other. His office is 118 Packard Laboratory.

Hugh Castles is now teaching at Hershey, having given up his Wildwood High position.

Here we are not more than four months old and we have lost track of one man already. We would like to know where Sidney Roehm is living. If you change your address, please drop a card to the Alumni Office with the new one on it, as it will save a lot of time in mailing the BULLETIN.

Henry Rohrs is with the Elizabeth Gas Co., at 205 E. Broad Street, Westfield, N. J., and is living at 415 Cherry Street, Elizabeth, N. J.

Paul Hickman is with John A. Roebing's Sons and Co., at Fort Lee, N. J. Wentz is also with the same company.

Bob Anderson is with the Atlantic Refining Co., in Philadelphia, and he is living in Worcester, Pa.

George Vaughn is out in Harrisburg with the Pennsylvania R. R., his mailing address being 107 Locust Street, Harrisburg, Pa.

Don Bower is Jim Heilman's roommate down in Washington, D. C. Don is working for the Interstate Commerce Commission down there.

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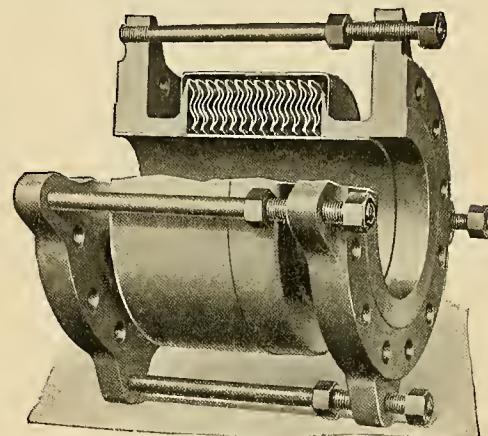
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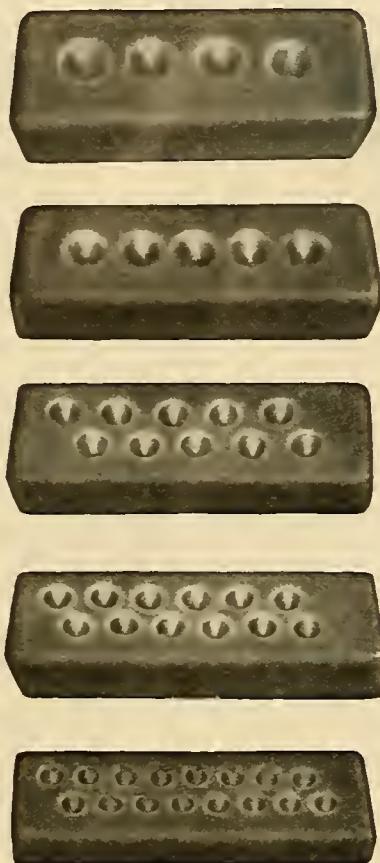
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Joe Girdler's address is 1204 Petroleum Bldg., Oklahoma City, Okla.

Jack Brown is working for Standard Statistics Co., and is living at 356 W. 34th Street, New York City.

R. V. Jones is with the New York Telephone Company and is residing at 402 Ocean Ave., Brooklyn, N. Y.

Brower is in the research laboratories of the U. S. Steel Company at Kearny, N. J. He is living at home at Little Silver, N. J.

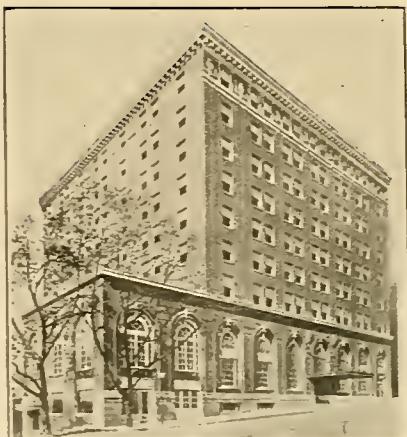
Bill Cuntz is working for the Carpenter Steel Co., at Reading and he is living at the Reading Y. M. C. A.

Steve Brotzman is going to spend several months in a repeater station at Charleston, W. Va.

By this time most of us have had the novelty of work worn off and it seems to be as good a time as any to bring up the subject of Alumni Dues. As you know our original plan was to have 100 per cent membership, but up to the present time we have only 33 percent. It seems that a great many have just neglected to pay. It would be greatly appreciated if those who have not paid will send a check to either myself or the Alumni Office. Let us look at the figures of the different curricula that have contributed so far: Arts, 15.5%; Business, 45.9%; Chem. Eng., 17.6%; Chemists, 100%; Civils, 26.3%; Electricals, 27.5%; Eng. Physics, 20.0%; Industrials, 57.1%; Mechanicals, 40.0%; Mets., none; Miners, 10%.

It looks bad for the Mets. Let us see if these percentages cannot be raised by the next issue of the BULLETIN. The miners and chemists are to be congratulated upon their showing.

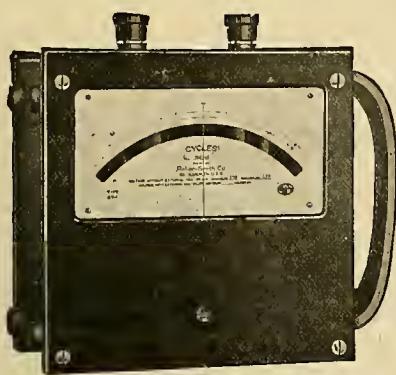
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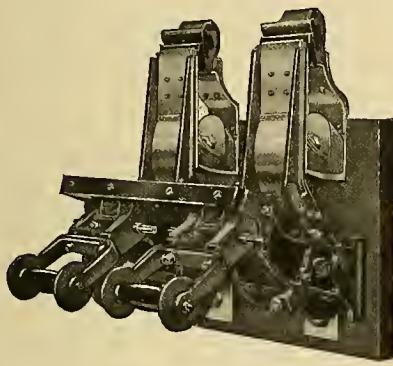
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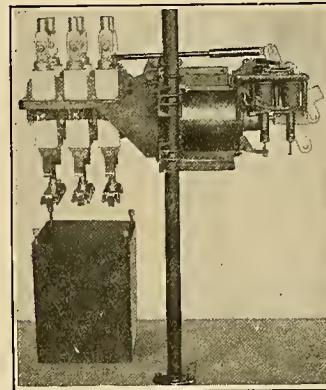
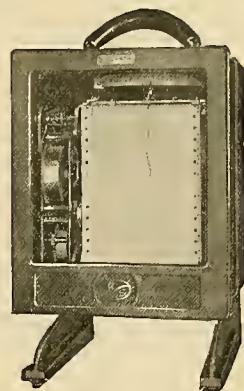
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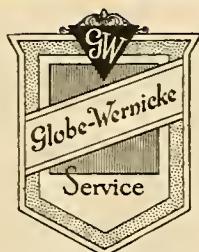
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